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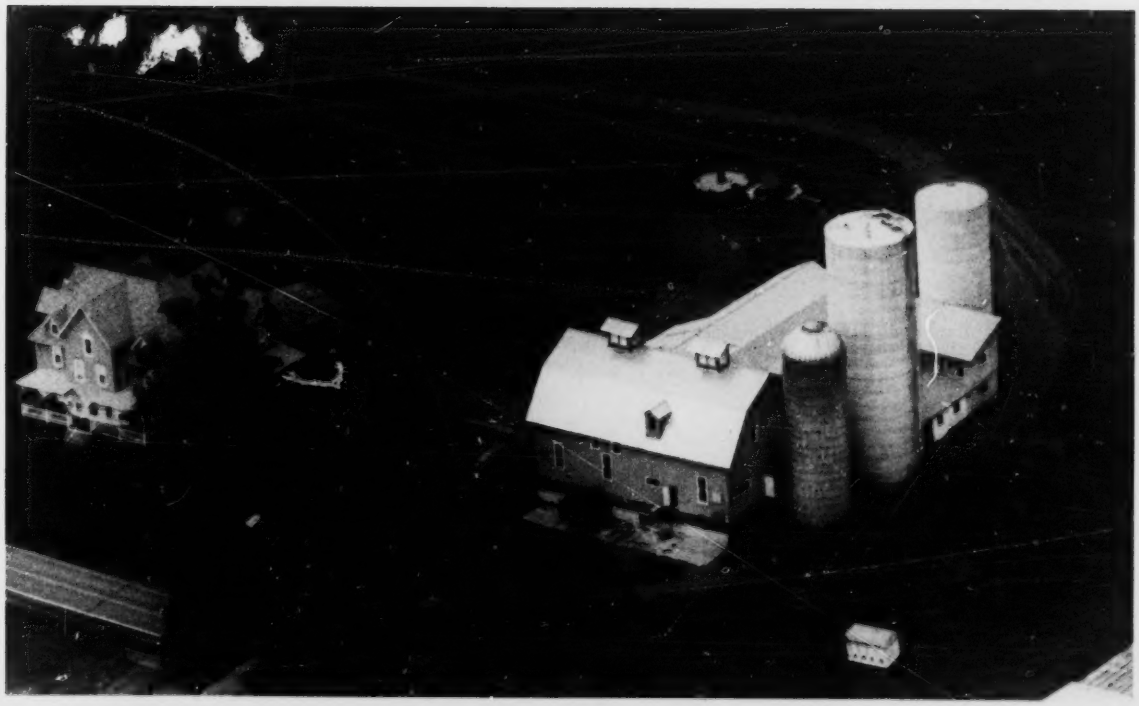
Pennsylvania
Crop
Reporting
Service

2301 North Cameron St.
Harrisburg, Pa. 17110

Phone: 717-787-3904

1978
CROP and LIVESTOCK
Annual Summary

CRS - 74



ECONOMICS, STATISTICS & COOPERATIVES SERVICE,
U.S. DEPARTMENT OF AGRICULTURE / PENNSYLVANIA DEPARTMENT OF AGRICULTURE

COMMONWEALTH OF PENNSYLVANIA

Dick Thornburgh, Governor

DEPARTMENT OF AGRICULTURE

Penrose Hallowell, Secretary

cooperating with

UNITED STATES DEPARTMENT OF AGRICULTURE

Bob Bergland, Secretary

ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE

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in compilation of agricultural statistics by

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Cover: Photograph of the farm of Dean and Jack Bedford, Canton, (Bradford County), Pennsylvania.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF AGRICULTURE
HARRISBURG

FOREWORD

Agriculture remains a leading industry in Pennsylvania, a fact borne out by this latest edition of the annual CROP AND LIVESTOCK SUMMARY. New farm production and income records were set during 1978, a good sign of the continuing importance of the family farm to the commonwealth's economy.

The Pennsylvania Department of Agriculture is dedicated to the health of our agricultural industry and to improving the services provided to farmers which enable them to make educated marketing and management decisions.

In my experience as a Pennsylvania farmer, I have become keenly aware of the importance of statistical facts for making informed management decisions. Recent transportation difficulties which arose from a nationwide truckers' protest and fuel shortages are just two examples where statistical information was used to evaluate alternate plans of action. Farmers were kept informed of the fuel supply in a weekly inquiry carried out by the Crop Reporting Service as part of their weekly Crop and Weather Roundup reports. Such information is invaluable.

Without the voluntary cooperation of the many farmers and allied industries who supply the information for this and other departmental publications, we could not efficiently provide the services which assist the industry. The facts they supply are vital to determining priorities for farmers, businesses and the Department of Agriculture.

I commend all who took the time to answer inquiries from the Crop Reporting Service, and who have supported this cooperative state-federal effort. I encourage you to make full use of the information which is being returned to you in this publication.

Sincerely yours,

Penrose Hallowell

PENROSE HALLOWELL
Secretary of Agriculture

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DAIRY SUMMARY — 1978

By William J. Sedlak

Milk Production Record High: Milk production in Pennsylvania during 1978 totaled 7.88 billion pounds, up 1 percent from the previous year's production of 7.79 billion pounds. Production per cow at 11,259 pounds continued an upward trend that started in 1974 and has set new records each of the last three years. Some factors that contributed to the increased production per cow during 1978 were: higher milk prices, slightly lower annual average feed prices, and higher prices for culled cows.

The number of dairy cows in the Commonwealth during 1978 averaged 700,000 head, down 3,000 head from 1977 and down 6,000 head from 1976. The decrease in the number of milk cows in Pennsylvania continued the long-term downward trend which was briefly interrupted from 1974 to 1976 when slight increase occurred.

Pennsylvania was the fifth largest milk producing state in the Nation in 1978. Wisconsin was first followed by California, New York, and Minnesota respectively.

Milk Disposition: Farmers in Pennsylvania marketed a total of 7.77 billion pounds of milk during 1978, up 1 percent from 1977. Of the total amount marketed, 321 million pounds were retailed directly to consumers by farmers compared with 281 million pounds in 1977. Milk used on farms totaled 110 million pounds of which 55 million pounds were for food and drink, down 15 million pounds from 1977. Also, 55 million pounds were fed to calves, about the same as in 1977.

Wholesale Milk Blend Price Remains High: The annual wholesale milk blend price averaged $11.10 per cwt. for 1978, 70 cents higher per cwt. than in 1977. The blend price started in January at $10.90 per cwt., declined to $10.50 per cwt. in May, and then climbed to $12.40 per cwt. in December. While milk prices were increasing, the cost for input items was also increasing. Production costs for Pennsylvania dairymen for the year ended December 31, 1978 averaged $10.47 per 100 pounds of milk. This is 7 percent above the year ending December 1977 and 15 percent above 1976. Production items contributing most to the increase were: machinery, replacement milk cows, building and fencing materials, and labor.

Total value of the milk produced in the state in 1978 was $889,765,000 compared with $821,950,000 during 1977. The number of commercial dairy farms for 1978 is estimated at 15,000 farms compared with 15,500 farms in 1977.

Lancaster County Leads In Milk Production: Lancaster County continues to rank first in the state's total milk production with 1.005 billion pounds produced in 1978. Bradford County was second with 487 million pounds; Franklin County was third with 463 million pounds; Chester County was fourth with 344 million pounds; and Berks County was fifth with 287 million pounds. Other counties producing over 200 million pounds of milk were Crawford, Erie, Tioga, Susquehanna, Wayne, Cumberland and Lebanon.

PENNSYLVANIA: MILK PRODUCTION COSTS - TOTAL AND SELECTED ITEMS, 1964-1978 1/

Year	Average Cost Per 100 Pounds Of Milk	Average Value of Grain And Concentrates (Per 100 Pounds)	Average Hourly Wage Rate Paid By Dairymen	Average Milk Cow Replacement Value
		Dollars		
1964	5.23	3.42	1.13	317
1965	5.23	3.42	1.16	318
1967	5.56	3.71	1.30	331
1968	5.52	3.71	1.36	335
1969	5.57	3.55	1.47	353
1970	5.78	3.67	1.57	406
1971	6.14	3.84	1.69	485
1972	6.38	3.89	1.79	499
1973	7.56	5.31	1.96	599
1974	8.25	6.40	2.15	633
1975	8.54	6.54	2.24	533
1976	9.12	6.49	2.37	638
1977	9.80	6.83	2.55	662
1978	10.47	6.71	2.74	749

1/ Reported by commercial dairymen.

PENNSYLVANIA: MILK COWS, MILK PRODUCTION AND MILK PRICE, BY MONTHS, 1960-1978

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Milk Cows On Farms 1/ (Thous. Head)													
1960	880	880	881	882	884	884	885	885	886	887	888	888	884
1965	823	820	817	814	811	808	805	802	799	796	793	790	806
1969	722	721	720	720	719	719	718	717	716	715	714	713	718
1970	712	710	708	707	706	705	704	703	702	701	700	698	705
1971	698	698	697	696	695	694	693	692	691	690	689	689	694
1972	689	688	687	686	685	684	683	682	681	680	679	678	684
1973	678	674	671	666	664	662	660	661	668	674	676	678	669
1974	678	683	688	687	687	685	685	688	695	692	687	687	687
1975	688	695	700	705	703	700	697	703	701	699	698	704	699
1976	709	709	704	704	699	699	703	707	707	711	711	705	706
1977	705	705	703	703	700	700	699	703	707	703	703	703	703
1978	703	703	699	699	696	696	696	700	703	700	700	703	700
Milk Production Per Cows (Lbs.)													
1960	630	595	695	695	785	705	630	630	610	614	590	600	7,780
1965	730	675	795	795	870	795	725	715	700	715	690	726	8,940
1969	770	720	830	850	920	855	825	805	805	805	765	800	9,747
1970	825	765	875	880	940	885	850	830	825	840	775	820	10,105
1971	840	780	875	880	940	900	870	865	850	860	820	835	10,310
1972	860	830	885	895	960	895	840	840	820	825	800	830	10,279
1973	825	760	875	890	930	880	845	825	800	810	780	820	10,042
1974	825	750	850	875	950	920	875	850	825	830	785	830	10,160
1975	825	775	875	885	955	910	855	845	825	825	795	835	10,215
1976	825	815	870	900	985	945	905	905	890	890	840	870	10,633
1977	880	820	920	945	1,020	975	955	950	920	920	880	900	11,083
1978	895	840	955	960	1,025	990	976	956	930	935	890	910	11,259
Total Milk Production (Mil. Lbs.)													
1960	554	524	612	613	694	623	558	558	540	545	524	533	6,878
1965	601	554	650	647	706	642	584	573	559	569	547	574	7,206
1969	556	519	598	612	661	615	592	577	576	576	546	570	6,998
1970	587	543	620	622	664	624	598	583	589	689	543	572	7,124
1971	586	544	610	612	653	625	606	599	587	593	565	575	7,155
1972	593	571	608	614	658	612	577	573	558	561	543	563	7,031
1973	559	512	587	593	618	583	558	545	534	546	527	556	6,718
1974	559	512	585	601	653	630	599	585	573	574	539	570	6,980
1975	568	539	613	624	671	637	596	594	578	577	555	588	7,140
1976	585	578	612	634	689	661	636	640	629	633	597	613	7,507
1977	620	578	647	664	714	683	668	668	650	647	619	633	7,791
1978	629	591	668	671	713	689	679	669	654	655	623	640	7,881
Wholesale Milk Price (Blend) (Dols. Per Cwt.)													
1960	5.00	4.90	4.75	4.45	4.20	4.25	4.50	4.70	4.95	5.10	5.20	5.15	4.74
1965	4.96	4.87	4.75	4.53	4.31	4.31	4.62	4.75	5.01	5.11	5.23	5.14	4.79
1969	6.32	6.27	6.16	6.02	5.87	5.77	5.86	6.01	6.26	6.41	6.51	6.52	6.16
1970	6.44	6.39	6.31	6.37	6.19	6.15	6.24	6.31	6.47	6.65	6.73	6.77	6.42
1971	6.62	6.63	6.52	6.39	6.23	6.17	6.27	6.33	6.51	6.58	6.71	6.70	6.47
1972	6.74	6.82	6.68	6.53	6.55	6.40	6.52	6.71	6.96	7.12	7.25	7.19	6.77
1973	7.25	7.30	7.25	7.10	7.00	7.10	7.30	7.85	8.60	8.95	9.20	9.35	7.86
1974	9.40	9.45	9.50	9.40	9.00	8.35	8.20	8.20	8.50	8.75	9.00	8.80	8.88
1975	8.87	8.85	8.65	8.60	8.49	8.43	8.63	9.33	9.80	10.20	10.50	10.80	9.25
1976	11.00	10.70	10.60	10.20	9.90	9.75	10.10	10.40	10.70	10.80	10.80	10.50	10.40
1977	10.40	10.40	10.20	10.00	9.95	10.00	10.20	10.40	10.70	10.90	11.00	10.90	10.40
1978	10.90	10.90	10.90	10.60	10.50	10.60	10.70	11.10	11.40	11.70	12.10	12.40	11.10

PENNSYLVANIA: MILK USED AND MARKETED BY FARMERS, 1960-78

Year	Production Of Milk And Milkfat 3/			Milk Used On Farms Where Produced			Milk Marketed By Farmers			
							Sold To Plants And Dealers		Sold	
	Milk	Milkfat	B.F. %	Fed To Calves 2/	Used For Milk, Cream & Butter	Total	As Whole Milk	As Separated Cream 3/	Directly To Consumers 4/	Total
	Million Pounds									
1960	6,878	258	3.75	95	258	353	6,310	60	155	6,525
1965	7,206	269	3.73	70	161	231	6,760	35	180	6,975
1969	6,998	260	3.72	55	130	185	6,600	18	195	6,813
1970	7,124	266	3.73	54	126	180	6,725	18	201	6,944
1971	7,155	265	3.70	39	116	155	6,805	15	180	7,000
1972	7,031	262	3.73	45	106	151	6,685	15	180	6,880
1973	6,718	250	3.72	44	100	144	6,350	15	209	6,574
1974	6,980	259	3.71	41	95	136	6,580	15	249	6,844
1975	7,140	265	3.71	41	90	131	6,705	15	289	7,009
1976	7,507	279	3.71	50	80	130	7,060	15	302	7,377
1977	7,791	290	3.72	55	70	125	7,370	15	281	7,666
1978	7,881	295	3.74	55	55	110	7,450	-	321	7,771

1/ Average number in milking herds. 2/ Excludes milk sucked by calves. 3/ Total milk separated on farms for cream sales to plants and dealers. 4/ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

PENNSYLVANIA: AVERAGE NUMBER OF MILK COWS, PRODUCTION AND VALUE OF PRODUCTION, 1978

County & District	Average Number Of Milk Cows	Production		Value Of Production
		Per Cow	Total	
	Number	Pounds	Thousand Pounds	Thousand Dollars
Crawford	25,200	10,300	260,631	29,425
Erie	19,000	11,200	213,560	24,111
Forest	500	8,400	4,190	473
Mercer	10,300	10,800	110,880	12,518
Venango	1,700	11,600	19,800	2,235
Warren	4,500	11,000	49,580	5,598
NORTHWESTERN, TOTAL	61,200	10,762	658,640	74,360
Bradford	44,900	10,800	487,150	54,999
Cameron	200	10,400	2,080	235
Clinton	4,900	9,200	45,320	5,117
Elk	900	10,500	9,450	1,067
Lycoming	7,900	10,200	80,660	9,106
McKean	1,900	11,600	21,980	2,481
Potter	6,700	11,900	79,550	8,981
Sullivan	1,800	10,300	18,570	2,097
Tioga	25,100	11,200	280,670	31,688
NORTH CENTRAL, TOTAL	94,300	10,874	1,025,430	115,771
Lackawanna	2,200	8,900	19,570	2,209
Susquehanna	24,900	11,000	274,460	30,987
Wayne	19,800	10,700	212,180	23,955
Wyoming	6,900	11,900	82,260	9,287
NORTHEASTERN, TOTAL	53,800	10,938	588,470	66,438
Armstrong	4,000	10,300	41,090	4,639
Beaver	3,400	10,200	34,700	3,918
Butler	6,100	11,500	70,120	7,917
Clarion	6,500	11,400	74,410	8,401
Indiana	8,100	10,400	83,880	9,470
Jefferson	3,200	11,400	36,440	4,114
Lawrence	6,000	11,100	66,780	7,539
WEST CENTRAL, TOTAL	37,300	10,923	407,420	45,998
Blair	13,400	12,600	168,940	19,073
Cambria	1,600	9,500	15,200	1,716
Centre	12,500	11,200	139,740	15,777
Clearfield	1,700	11,800	20,050	2,264
Columbia	3,800	10,000	38,000	4,290
Dauphin	7,500	10,900	82,100	9,269
Huntingdon	10,200	11,600	118,790	13,411
Juniata	9,400	11,800	111,240	12,559
Mifflin	13,500	11,600	156,590	17,679
Montour	1,700	12,800	21,800	2,461
Northumberland	4,300	10,700	46,120	5,207
Perry	8,300	12,700	105,190	11,876
Snyder	6,900	10,000	68,980	7,788
Union	6,600	11,200	73,930	8,347
CENTRAL, TOTAL	101,400	11,506	1,166,670	131,717
Carbon	400	11,300	4,500	508
Lehigh	2,000	12,000	24,000	2,710
Luzerne	2,500	9,500	23,750	2,681
Monroe	700	11,900	8,330	941
Northampton	8,100	12,300	99,630	11,248
Pike	200	9,000	1,800	203
Schuylkill	3,200	10,300	32,960	3,721
EAST CENTRAL, TOTAL	17,100	11,402	194,970	22,012
Allegheny	1,000	10,400	10,420	1,176
Fayette	4,700	10,300	48,560	5,483
Greene	2,200	10,800	23,730	2,679
Somerset	16,500	12,000	198,000	22,354
Washington	12,400	9,300	115,720	13,065
Westmoreland	9,900	11,300	111,860	12,629
SOUTHWESTERN, TOTAL	46,700	10,884	508,290	57,386
Adams	10,100	11,500	116,110	13,109
Bedford	16,800	11,000	184,800	20,864
Cumberland	21,500	12,600	269,920	30,474
Franklin	37,300	12,400	462,600	52,228
Fulton	5,700	10,800	61,510	6,944
York	19,100	10,300	197,450	22,292
SOUTH CENTRAL, TOTAL	110,500	11,696	1,292,390	145,911
Berks	24,700	11,600	286,520	32,348
Bucks	8,200	11,000	90,450	10,212
Chester	29,800	11,500	343,910	38,827
Delaware	600	12,000	7,200	813
Lancaster	87,900	11,400	1,004,960	113,460
Lebanon	20,400	11,500	235,570	26,596
Montgomery	6,100	11,500	70,110	7,916
Philadelphia	1/	1/	1/	1/
SOUTHEASTERN, TOTAL	177,700	11,473	2,038,720	230,172
PENNSYLVANIA	700,000	11,259	7,881,000	889,765

1/ Included in Montgomery County total to prevent disclosure of individual operations.

MANUFACTURED DAIRY PRODUCTS – 1977

By William J. Sedlak

Four Percent More Milk Used In Manufactured Dairy Products: During 1977 a total of 2,841 million pounds of milk (on a whole milk equivalent basis) was used in manufactured dairy products in Pennsylvania. Of this total, 36 percent was used for frozen products, 24 percent for butter, 24 percent for cheese, and 16 percent for other milk products.

Pennsylvania Ice Cream Production Down Three Percent: However, Pennsylvania remained the second largest ice cream producing state in the nation in 1977 with a production of 68.3 million gallons. California was the leading producer with a total production of 85.4 million gallons. Ninety-five percent of the ice cream produced in the Commonwealth was the hard frozen type.

Pennsylvania Cheese Production Increases: Total cheese production in Pennsylvania during 1977, excluding cottage cheese, increased 7 percent over 1976. American cheese production was down 2 percent. Mozzarella production was up 38 percent while other types of Italian cheeses decreased 1 percent from 1976. Creamed cottage cheese production was up 1 percent from the previous year while low-fat cottage cheese production increased 13 percent. Creamery butter production increased to 32.1 million pounds, up 37 percent from 1976.

PENNSYLVANIA: SPECIFIED DAIRY PRODUCTS MANUFACTURED, MONTHLY, 1977

Product	Plants	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
	Number	Thousand Pounds												
Butter	10	2,528	2,157	2,130	2,815	3,083	2,754	2,543	2,756	2,406	3,083	2,949	2,888	32,092
Cheese, Total	23	6,630	6,059	7,872	8,715	8,549	8,324	8,071	8,088	7,218	7,714	7,938	8,528	93,706
American	3	2,593	2,043	2,588	3,494	3,151	3,136	3,179	3,160	2,746	3,371	3,183	3,589	36,233
Italian, All	14	2,230	2,403	3,333	3,289	3,255	2,739	2,692	3,081	2,947	3,013	3,340	3,335	35,657
Mozzarella & Similars	11	1,376	1,589	2,069	2,243	2,294	1,866	1,885	2,119	1,936	2,133	2,265	2,069	23,844
Cream	3	795	701	934	964	792	841	744	931	983	787	1,078	1,007	10,557
Swiss	6	960	887	958	932	1,312	1,540	1,431	866	476	512	297	555	10,726
Cottage Cheese, Low-Fat	9	1,094	1,034	1,323	1,245	1,409	1,391	1,295	1,455	1,186	1,308	1,145	1,102	14,987
Curd	25	2,884	3,049	3,757	3,609	3,780	3,677	3,533	3,646	3,328	3,325	3,057	2,821	40,466
Creamed	26	3,533	3,853	4,629	4,504	4,406	4,347	4,168	4,211	3,921	3,847	3,525	3,276	48,220
Condensed Bulk Products: Milk, Unsweetened	5	2,614	2,202	3,412	3,593	2,874	2,688	2,520	2,793	2,497	3,729	2,394	2,213	33,529
Skim, Unsweetened	6	3,697	2,920	3,885	4,446	5,145	4,702	5,272	5,463	4,250	3,882	3,848	4,038	51,548
Dry Milk, Non-Fat: Human Food	7	615	466	600	2,162	2,280	6,474	2,266	2,302	1,579	1,482	1,312	1,562	23,100
Animal Feed	3	3	1	3	5	8	12	7	6	3	9	8	4	69
Dry Buttermilk	3	6	0	7	58	63	107	50	37	17	14	37	36	432
		Thousand Gallons												
Ice Cream, Total	-	4,121	4,501	5,778	5,856	6,003	7,051	6,773	6,795	6,423	5,215	4,970	4,852	68,338
Hard	75	4,054	4,401	5,577	5,588	5,534	6,582	6,171	6,259	6,088	5,048	4,870	4,819	64,991
Ice Milk	-	819	862	1,464	1,583	2,134	2,070	2,346	2,274	1,495	1,291	897	734	17,969
Milk Sherbert	-	141	129	229	242	334	341	306	381	213	177	168	198	2,859
Other Frozen Products	8	44	38	92	67	79	84	58	66	65	54	44	35	726
Water Ices	17	49	49	213	276	358	476	448	375	174	89	85	46	2,638
Mix, Ice Cream	69	2,115	2,293	2,971	2,892	2,993	3,503	3,474	3,470	3,226	2,670	2,685	2,531	34,823
Ice Milk	58	469	444	804	916	1,183	1,148	1,261	1,257	849	657	521	434	9,943
Milk Sherbert	46	94	81	148	169	198	215	213	242	145	118	113	131	1,867

PENNSYLVANIA: DAIRY PRODUCTS MANUFACTURED, 1965-1977

Manufactured Products	1965	1969	1972	1973	1974	1975	1976	1977
				Thousand Pounds				
Butter	16,992	23,890	23,936	18,549	19,065	24,543	23,441	32,092
American Types Of Cheese	4,597	470	2,708	2,382	36,909	28,923	37,027	36,233
Swiss Cheese	2,686	7,730	1/	1/	14,162	11,839	12,928	10,726
All Italian Types Of Cheese	7,381	8,430	10,790	10,502	12,492	20,763	29,213	35,657
Total Cheese	20,693	21,951	34,827	35,624	68,955	67,985	87,743	93,706
Cottage Cheese, Curd	40,550	38,588	42,311	43,002	39,853	41,890	40,541	40,466
Cottage Cheese, Creamed	49,252	46,647	47,396	49,525	46,419	49,035	47,821	48,220
Cottage Cheese, Low Fat	-	-	9,632	10,500	11,033	12,087	13,277	14,987
Condensed Milk (Unsweetened):								
Bulk Goods (Whole)	55,449	27,671	52,676	34,494	33,277	38,336	37,318	33,529
(Skimmed)	111,719	72,996	71,773	6 [illegible]64?	45,961	43,883	50,141	51,548
Condensed Milk (Sweetened):								
Bulk Goods (Skimmed)	10,005	5,997	3,844	1/	1/	1/	1/	1/
Evaporated and Condensed Milk:								
Case Goods (Whole)	94,585	102,272	90,421	88,767	86,072	78,255	102,162	1/
Nonfat Dry Milk For Human Food	45,465	42,417	29,759	18,980	16,275	14,752	9,731	23,100
Dry Skim Milk For Animal Feed	211	52	48	46	74	241	92	59
Dry Buttermilk	581	94	935	616	1/	640	313	432
				Thousand Gallons				
Ice Cream, Total	70,878	74,174	73,897	69,177	65,468	72,976	70,721	68,338
Ice Cream, Hard	-	68,647	71,675	65,568	61,172	67,839	66,168	64,991
Ice Milk	10,672	13,042	17,738	16,656	17,075	16,817	16,076	17,969
Milk Sherbet	3,447	3,893	3,417	3,930	3,179	2,956	3,023	2,859
Water Ices	3,402	-	3,279	2,849	2,677	2,674	2,437	2,638
Ice Cream Mix	36,669	38,371	40,292	36,895	34,250	37,495	36,197	34,823
Ice Milk Mix	7,493	7,416	9,434	9,038	9,203	8,760	8,529	9,943
Milk Sherbet Mix	2,444	2,696	2,257	2,746	2,162	1,903	1,887	1,867
Other Frozen Dairy Products	156	85	557	1,062	1,049	787	696	726

1/ Production not shown when made by less than 3 plants.

PENNSYLVANIA: RANK AMONG STATES IN THE MANUFACTURE OF DAIRY PRODUCTS, 1977

Item	1	2	3	4	5	6	7	8	9	10
Italian Cheese	Wis.	N.Y.	Calif.	Minn.	PA.	Nebr.	Ill.	Vt.	N.J.	Wash.
Creamed Cottage Cheese	N.Y.	Calif.	Ohio	Wis.	Mich.	PA.	Ill.	Ind.	Wash.	Mo.
Low Fat Cottage Cheese	Calif.	PA.	Ohio	Colo.	Texas	Wis.	Okla.	Kans.	Ill.	Mich.
Ice Cream	Calif.	PA.	N.Y.	Ohio	Mass.	Ill.	Texas	Mich.	Fla.	Minn.
Ice Milk	Calif.	Ohio	PA.	Ill.	Fla.	Mo.	N.Y.	Texas	Ind.	Wash.
Milk Sherbet	Calif.	Ohio	Texas	PA.	N.Y.	Ill.	Mass.	Mich.	Ind.	Md.
Total Frozen Products	Calif.	PA.	N.Y.	Ohio	Ill.	Texas	Mass.	Fla.	Mich.	N.C.
Whole Milk In Manufactured Milk Products	Wis.	Minn.	Calif.	N.Y.	PA.	Iowa	Ohio	Mo.	Ill.	Mich.

LIVESTOCK INVENTORY AND PRODUCTION — 1978

By Eliot F. Dorman & William J. Sedlak

Cattle Numbers Down 3 Percent: An estimated 50,000 Pennsylvania cattle farms had 1,840,000 cattle and calves on hand January 1, 1979 — down 3 percent from 1,900,000 a year earlier. The inventory value of $975,200,000 is well above the $665,000,000 a year earlier. Record high value per head more than offset the decreased inventory.

The milk cow inventory on 23,000 dairy farms was 703,000 head, the same as a year earlier. Milk replacement heifers, 500 pounds and over at 230,000 were down 3 percent.

Beef cows that have calved, at 171,000 were down 14 percent, and beef replacement heifers, 500 pounds and over, at 42,000 were off 12 percent. Other heifers, 500 pounds and over, numbered 59,000 down 12 percent. Steers, 500 pounds and over, at 230,000 were down 7 percent. Bulls, 500 pounds and over, totaled 41,000 up 8 percent. Number of steers, heifers and bulls, under 500 pounds, at 364,000 were 1 percent greater than a year earlier.

Smallest Calf Crop Since 1940: The 1978 Pennsylvania calf crop was 770,000 — down 1 percent or 5,000 from the 1977 crop. This is the smallest calf crop since the 1940 crop 767,000.

Hog Numbers Largest Since January 1, 1944: On December 1, 1978 there were 820,000 hogs and pigs on 19,000 Pennsylvania hog farms — up 4 percent or 30,000 from a year earlier, and the largest hog inventory since the January 1, 1944 estimate of 1,043,000 hogs and pigs. Total inventory value at $64,780,000 was up 45 percent. Breeding stock on hand at 115,000 was up 25 percent over a year ago. Market hog numbers at 705,000 were 1 percent above the 698,000 a year earlier.

Three Percent Smaller Pig Crop: The total pig crop for 1978 (December 1977 — November 1978) was 979,000 — 3 percent less than the 1,012,000 pigs weaned during 1977. Sow farrowings for the year at 134,000 were the same as in 1977, but litter size averaged only 7.30 compared with 7.55 for 1977. The spring (December - May) pig crop for 1979 totaled 453,000 — down 14 percent from the 1978 spring crop. The 62,000 sows farrowed produced an average 7.3 pigs per litter. The fall (June - November) pig crop was 526,000 pigs, up 8 percent from a year ago. There were 72,000 sows farrowed averaging 7.3 pigs per litter.

Pennsylvania Cattle on Feed Down 12 Percent: Pennsylvania cattle feeders had 86,000 cattle and calves on feed for slaughter market on January 1, 1979, down 12 percent from a year ago. Approximately 76,000 of the total cattle on feed on January 1, 1979 were steers and steer calves, 8,000 head were heifers and heifer calves, and 2,000 head were cows and others. Marketings of fed cattle during the October-December 1978 quarter at 19,000 head were down 27 percent from the same quarter a year earlier. Total 1978 marketings of 110,000 head were down 5,000 head from the total marketings during 1977. Placements of cattle and calves on feed during October through December totaled 50,000 head, down 18 percent from a year ago. Expected marketings of fed cattle, if realized, during the April-June 1979 quarter are estimated at 32,000 head, about the same as the corresponding quarter in 1978.

Sheep Numbers At Record Low: Inventory of sheep and lambs on Pennsylvania farms January 1, 1979 at 75,000 head was record low and down 6 percent from the 80,000 on farms a year earlier. Of the total stock sheep, 55,000 head were ewes one year and older, 5,000 head were rams and wethers one year and older, 11,000 head were ewe lambs, and 4,000 head were ram and wether lambs. The inventory value of all sheep and lambs on January 1, 1979 was $3,488,000, up 19 percent from a year earlier.

Lamb Production Down 21 Percent: The lamb crop in Pennsylvania during 1978 was estimated at 62,000 head, down 21 percent from the 78,000 lambs saved during 1977. The lambing rate was 103 per 100 ewes one year and older compared with 104 lambs for 1977.

Wool Production Declines 20 Percent: During 1978, 74,000 sheep were shorn in Pennsylvania, and 525,000 pounds of wool were produced, both down 20 percent from the previous year. Fleece weight averaged 7.1 pounds with an average annual price of 76 cents per pound.

Red Meat Production Down 6 Percent: Red meat production from commercial slaughter establishments in Pennsylvania totaled 1.03 billion pounds liveweight during 1978, down 6 percent from 1977. Beef production at 991 million pounds was down 14 percent; veal production at 51 million pounds was down 8 percent; pork production at 659 million pounds was up 2 percent; and lamb and mutton production at 12 million pounds was down 10 percent.

PENNSYLVANIA: LIVESTOCK ON FARMS AND VALUE, JANUARY 1, 1960-1979

Year	Hogs & Pigs 1/		Cattle & Calves		Sheep & Lambs		3 Species
	Number	Value	Number	Value	Number	Value	Value
	Thousands						
1960	558	$ 12,332	1,913	$ 390,252	250	$ 3,800	$ 406,384
1965	402	10,693	1,874	335,446	189	2,778	348,917
1969	537	17,828	1,799	424,564	170	3,213	445,605
1970	570	21,204	1,781	445,250	165	3,548	470,002
1971	627	16,616	1,763	467,195	160	3,440	487,251
1972	614	17,192	1,763	502,455	150	3,075	522,722
1973	553	20,738	1,745	558,400	144	2,952	582,090
1974	560	30,800	1,832	723,640	144	4,392	758,832
1975	590	27,435	1,960	529,200	125	3,500	560,135
1976	660	47,190	1,960	607,600	120	3,660	658,450
1977	700	31,500	1,960	656,600	100	3,150	691,250
1978	790	44,635	1,900	665,000	80	2,920	712,555
1979	820	64,780	1,840	975,200	75	3,488	1,043,468

1/ December 1 preceding year shown, 1968 to date.

PENNSYLVANIA: PIG CROP, 1960-1978

Year	Spring Crop (December - May)			Fall Crop (June - November)			Total Pig Crop
	Sows Farrowed	Pigs Per Litter	Pigs Saved	Sows Farrowed	Pigs Per Litter	Pigs Saved	
1960	61,000	7.1	433,000	54,000	7.2	389,000	822,000
1965	42,000	7.5	315,000	38,000	7.8	296,000	611,000
1969	54,000	8.0	432,000	51,000	7.7	393,000	825,000
1970	57,000	7.5	428,000	56,000	7.6	426,000	854,000
1971	60,000	7.4	444,000	50,000	7.6	380,000	824,000
1972	55,000	7.6	418,000	45,000	7.8	351,000	769,000
1973	52,000	7.8	406,000	46,000	7.8	359,000	765,000
1974	54,000	7.8	421,000	47,000	7.7	362,000	783,000
1975	63,000	7.7	485,000	49,000	7.9	387,000	872,000
1976	72,000	7.3	526,000	60,000	7.4	444,000	970,000
1977	68,000	7.7	524,000	66,000	7.4	488,000	1,012,000
1978	62,000	7.3	453,000	72,000	7.3	526,000	979,000

PENNSYLVANIA: CALF CROP, 1960-1978

Year	Cows & Heifers 2 Yrs. Old & Older January 1	Cows That Have Calved January 1	Calves Born
	Thousand Head		
1960	1,068	-	918
1965	1,033	-	888
1969	955	-	840
1970	941	857	831
1971	-	848	831
1972	-	839	820
1973	-	824	790
1974	-	827	780
1975	-	862	800
1976	-	914	790
1977	-	902	775
1978	-	874	770

PENNSYLVANIA: LAMB AND WOOL CROPS, 1960-1978

Year	Breeding Ewes 1 Yr. & Older January 1	Lambs Saved Per 100 Ewes 1+ January 1	Lambs Saved	Sheep Shorn	Weight Per Fleece	Wool Production	Value Of Wool Production
	Thousand	Number	Thousand		Lbs.	1,000 Lbs.	1,000 Dols.
1960	169	95	161	230	7.3	1,679	823
1965	133	102	136	174	7.6	1,322	740
1969	124	102	126	156	7.4	1,154	485
1970	122	101	123	152	7.3	1,110	477
1971	120	101	121	144	7.3	1,051	294
1972	113	98	111	138	7.3	1,007	413
1973	108	103	111	132	7.2	950	580
1974	108	107	116	120	7.0	840	428
1975	94	106	100	115	7.0	805	314
1976	91	105	96	100	7.1	710	426
1977	75	104	78	92	7.1	653	470
1978	60	103	62	74	6.9	511	388

PENNSYLVANIA: LIVESTOCK AND POULTRY INVENTORY, 1973-1979

Specie & Class	Number On Farms December 1					
	1973	1974	1975	1976	1977	1978
	Thousand Head					
Hogs And Pigs	560	590	660	700	790	820
Kept For Breeding	67	77	83	77	92	115
Market Hogs And Pigs	493	513	577	623	698	705
Under 60 Lbs	162	179	190	237	244	282
60-119 Lbs	138	133	167	193	230	197
120-179 Lbs	104	103	122	103	98	120
180 Lbs. & Over	89	108	98	90	126	106
Chickens, Excluding Broilers	14,460	15,050	13,850	14,512	17,220	18,625
Hens And Pullets Of Laying Age	11,513	12,386	11,385	11,900	14,200	14,900
Hens	4,961	4,876	4,958	4,565	6,025	5,401
Pullets	6,552	7,510	6,427	7,335	8,175	9,499
Pullets Not Of Laying Age	2,817	2,544	2,353	2,476	2,855	3,537
3 Months & Older	1,380	1,448	1,348	1,354	1,364	1,397
Under 3 Months	1,437	1,096	1,005	1,122	1,491	2,140
Other Chickens, Excluding Broilers	130	120	112	136	165	188
Turkey Breeder Hens	29	24	27	24	17	48

	Number On Farms January 1					
	1974	1975	1976	1977	1978	1979
	Thousand Head					
Cattle & Calves	1,832	1,960	1,960	1,960	1,900	1,840
Cows & Heifers Calved	827	862	914	902	902	874
Milk Cows	678	686	706	706	703	703
Beef Cows	149	176	208	196	199	171
Heifers 500 Pounds & Over	330	362	343	341	352	331
Milk Cow Replacement	215	236	221	221	237	230
Beef Cow Replacement	38	49	53	51	48	42
Other	77	77	69	69	67	59
Steers 500 Pounds & Over	265	260	245	294	247	230
Bulls 500 Pounds & Over	46	59	47	51	38	41
Heifers, Steers & Bulls Under 500 Pounds	364	417	411	372	361	364
Sheep & Lambs	144	125	120	100	80	75
Lambs	28	24	23	20	15	15
Ewes	20	17	17	15	10	11
Wethers & Rams	8	7	6	5	5	4
Sheep 1 Year & Older	116	101	97	80	65	60
Ewes	108	94	91	75	60	55
Rams & Wethers	8	7	6	5	5	5

PENNSYLVANIA: LIVESTOCK ON FARMS AND VALUE, 1978-1979

County & District	No. & Value December 1, 1978		Number And Value January 1, 1979				All Livestock
	Hogs And Pigs		Cattle and Calves		Sheep And Lambs		
	Head Number	Value Dollars	Head Number	Value Dollars	Head Number	Value Dollars	Value Dollars
Crawford	4,200	310,800	49,700	25,347,000	1,200	45,400	25,703,200
Erie	3,100	229,400	36,500	18,615,000	450	17,000	18,861,400
Forest	200	14,800	1,000	510,000	50	1,900	526,700
Mercer	9,400	695,600	37,000	18,870,000	2,800	106,000	19,671,600
Venango	2,500	185,000	9,300	4,743,000	1,050	39,700	4,967,700
Warren	600	44,400	14,500	7,395,000	450	17,000	7,456,400
NORTHWESTERN, TOTAL	20,000	1,480,000	148,000	75,480,000	6,000	227,000	77,187,000
Bradford	1,400	105,000	80,200	40,982,200	2,450	118,500	41,205,700
Cameron	100	7,500	500	255,500	-	-	263,000
Clinton	1,400	105,000	8,900	4,547,900	50	2,400	4,655,300
Elk	200	15,000	3,500	1,788,500	150	7,200	1,810,700
Lycoming	5,700	427,500	26,200	13,388,200	550	26,600	13,842,300
McKean	300	22,500	6,400	3,270,400	550	26,600	3,319,500
Potter	300	22,500	15,800	8,073,800	750	36,300	8,132,600
Sullivan	400	30,000	6,900	3,525,900	250	12,100	3,568,000
Tioga	1,200	90,000	45,600	23,301,600	3,750	181,300	23,572,900
NORTH CENTRAL, TOTAL	11,000	825,000	194,000	99,134,000	8,500	411,000	100,370,000
Lackawanna	600	43,800	10,200	5,344,800	200	10,000	5,398,600
Susquehanna	500	36,500	46,200	24,208,800	2,100	105,000	24,350,300
Wayne	600	43,800	35,100	18,392,400	850	42,500	18,478,700
Wyoming	300	21,900	18,500	9,694,000	350	17,500	9,733,400
NORTHEASTERN, TOTAL	2,000	146,000	110,000	57,640,000	3,500	175,000	57,961,000
Armstrong	9,800	705,600	20,900	10,442,400	850	37,200	11,185,200
Beaver	2,600	187,200	11,200	5,595,900	500	21,900	5,805,000
Butler	12,000	864,000	26,900	13,440,200	1,300	56,900	14,361,100
Clarion	3,700	266,400	17,200	8,593,800	300	13,200	8,873,400
Indiana	8,700	626,400	29,700	14,839,200	1,050	46,000	15,511,600
Jefferson	2,400	172,800	16,700	8,343,900	150	6,600	8,523,300
Lawrence	7,800	561,600	20,400	10,192,600	850	37,200	10,791,400
WEST CENTRAL, TOTAL	47,000	3,384,000	143,000	71,448,000	5,000	219,000	75,051,000
Blair	7,900	592,500	23,200	12,481,600	800	42,400	13,116,500
Cambria	8,400	630,000	12,100	6,509,800	450	23,800	7,163,600
Centre	13,100	982,500	29,500	15,871,000	1,300	68,900	16,922,400
Clearfield	2,700	202,500	9,700	5,218,600	600	31,800	5,452,900
Columbia	17,400	1,305,000	17,400	9,361,200	450	23,900	10,690,100
Dauphin	23,400	1,755,000	21,800	11,728,400	600	31,800	13,515,200
Huntingdon	10,900	817,500	26,600	14,310,800	850	45,000	15,173,300
Juniata	12,700	952,500	19,400	10,437,200	500	26,500	11,416,200
Mifflin	14,500	1,087,500	26,600	14,310,800	800	42,400	15,440,700
Montour	5,200	390,000	6,800	3,658,400	200	10,600	4,059,000
Northumberland	31,000	2,325,000	20,900	11,244,200	1,800	53,000	13,622,200
Perry	13,500	1,012,500	22,700	12,212,600	450	23,900	13,249,000
Snyder	21,300	1,597,500	18,800	10,114,400	450	23,900	11,735,800
Union	16,000	1,200,000	15,500	8,339,000	550	29,100	9,568,100
CENTRAL, TOTAL	198,000	14,850,000	271,000	145,798,000	8,000	477,000	161,125,000
Carbon	1,300	107,900	1,300	702,000	150	4,900	814,800
Lehigh	12,500	1,037,500	9,800	5,292,000	550	17,800	6,347,300
Luzerne	2,900	240,700	9,000	4,860,000	550	17,800	5,118,500
Monroe	900	74,700	3,300	1,782,000	300	9,700	1,866,400
Northampton	3,200	265,600	18,600	10,044,000	450	14,600	10,324,200
Pike	100	8,300	1,000	540,000	50	1,600	549,900
Schuylkill	23,100	1,917,300	14,000	7,560,000	450	14,600	9,491,900
EAST CENTRAL, TOTAL	44,000	3,652,000	57,000	30,780,000	2,500	81,000	34,513,000
Allegheny	1,900	142,500	5,100	2,488,800	650	31,100	2,662,400
Fayette	4,400	330,000	18,700	9,125,600	700	33,500	9,489,100
Greene	1,500	112,500	22,800	11,126,400	13,450	644,000	11,882,900
Somerset	10,500	787,500	47,100	22,984,800	1,250	59,800	23,832,100
Washington	3,900	292,500	45,700	22,301,600	6,600	316,000	22,910,100
Westmoreland	5,800	435,000	33,600	16,396,800	1,350	64,600	16,896,400
SOUTHWESTERN, TOTAL	28,000	2,100,000	173,000	84,424,000	24,000	1,149,000	87,673,000
Adams	21,300	1,661,400	35,500	19,454,000	850	37,400	21,152,800
Bedford	11,600	904,500	45,700	25,043,600	1,000	44,000	25,992,400
Cumberland	14,500	1,131,000	44,600	24,440,800	700	30,800	25,602,600
Franklin	27,900	2,176,200	80,200	43,949,600	850	37,400	46,163,200
Fulton	5,100	397,800	15,200	8,329,600	350	15,400	8,742,800
York	45,600	3,556,800	58,800	32,222,400	1,750	77,000	35,856,200
SOUTH CENTRAL, TOTAL	126,000	9,828,000	280,000	153,440,000	5,500	242,000	163,510,000
Berks	46,600	3,862,800	77,700	43,045,800	1,600	73,700	46,982,300
Bucks	10,300	853,800	21,600	11,966,400	900	41,500	12,861,700
Chester	21,500	1,782,200	67,800	37,561,200	1,500	69,100	39,412,500
Delaware	3,300	273,600	2,000	1,108,000	150	6,900	1,388,500
Lancaster	218,600	18,120,200	230,000	127,420,000	5,300	244,300	145,784,500
Lebanon	26,100	2,163,500	47,200	26,148,800	800	36,900	28,349,200
Montgomery	17,600	1,458,900	17,700	9,805,800	750	34,600	11,299,300
Philadelphia	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	344,000	28,515,000	464,000	257,056,000	11,000	507,000	286,078,000
PENNSYLVANIA	820,000	64,780,000	1,840,000	975,200,000	75,000	3,488,000	1,043,468,000

PENNSYLVANIA: COMMERCIAL SLAUGHTER OF LIVESTOCK, 1977-1978

Month	Number Of Head		Liveweight			
			Per Head		Total	
	1977	1978	1977	1978	1977	1978
Cattle						
January	86,300	80,200	1,097	1,105	94,730,000	88,594,000
February	80,100	78,000	1,103	1,125	88,335,000	87,806,000
March	85,800	82,900	1,113	1,134	95,526,000	94,031,000
April	82,500	76,000	1,085	1,118	89,500,000	84,889,000
May	81,100	78,300	1,094	1,123	88,752,000	87,961,000
June	89,700	73,600	1,077	1,113	96,542,000	81,969,000
July	84,900	64,400	1,082	1,104	91,815,000	71,121,000
August	97,000	67,800	1,070	1,108	103,794,000	75,159,000
September	87,900	67,300	1,067	1,116	93,775,000	75,164,000
October	95,300	77,600	1,060	1,117	101,034,000	86,646,000
November	97,600	72,700	1,081	1,133	105,527,000	82,319,000
December	88,100	65,400	1,105	1,150	97,278,000	75,282,000
Annual	1,056,230	884,300	1,086	1,121	1,146,609,000	990,940,000
Calves						
January	27,800	30,200	145	135	4,034,000	4,075,000
February	26,800	29,300	145	134	3,903,000	3,928,000
March	33,600	35,100	142	133	4,777,000	4,748,000
April	28,800	29,700	143	141	4,126,000	4,203,000
May	29,600	27,900	148	149	4,372,000	4,140,000
June	31,500	26,100	158	152	4,962,000	3,970,000
July	32,700	28,300	142	140	4,638,000	3,964,000
August	37,400	31,800	143	138	5,351,000	4,397,000
September	34,900	29,400	141	142	4,906,000	4,173,000
October	33,800	30,800	154	158	5,211,000	4,853,000
November	32,200	28,000	145	158	4,657,000	4,407,000
December	31,000	25,700	132	149	4,090,000	3,817,000
Annual	380,000	352,300	145	144	55,026,000	50,674,000
Hogs						
January	231,300	236,500	226	223	52,171,000	52,682,000
February	221,700	216,400	224	221	49,662,000	47,814,000
March	264,500	246,800	225	223	59,396,000	54,956,000
April	221,900	230,900	226	225	50,249,000	52,039,000
May	241,800	248,000	230	228	55,632,000	56,473,000
June	227,900	235,200	228	228	51,993,000	53,703,000
July	181,200	201,500	226	227	40,978,000	45,770,000
August	253,700	246,700	222	224	56,398,000	55,231,000
September	245,900	248,400	223	224	54,726,000	55,658,000
October	244,700	266,800	225	225	55,030,000	60,153,000
November	253,900	266,300	228	227	57,768,000	60,372,000
December	268,900	279,800	224	230	60,163,000	64,462,000
Annual	2,857,400	2,923,200	225	226	644,167,000	659,314,000
Sheep And Lambs						
January	10,600	8,100	102	102	1,075,000	826,000
February	8,200	8,200	102	104	835,000	850,000
March	12,200	11,000	101	99	1,228,000	1,089,000
April	13,300	9,100	100	101	1,331,000	918,000
May	9,500	8,800	100	99	945,000	875,000
June	12,300	9,900	97	98	1,188,000	968,000
July	10,200	9,600	94	98	961,100	940,000
August	14,400	11,100	96	98	1,381,000	1,079,000
September	12,500	10,600	98	100	1,226,000	1,063,000
October	11,200	11,500	99	99	1,103,000	1,131,000
November	10,000	11,400	99	99	990,000	1,132,000
December	11,100	11,000	101	102	1,113,000	1,126,000
Annual	135,400	120,300	99	100	13,378,000	11,998,000

PENNSYLVANIA: COMMERCIAL SLAUGHTER OF LIVESTOCK, 1960-1978

Year	Cattle		Calves		Hogs		Sheep & Lambs	
	Head	Total Liveweight	Head	Total Liveweight	Head	Total Liveweight	Head	Total Liveweight
	Thousands							
1960	830.0	900,687	668.0	84,586	2,725	593,126	392.5	35,779
1965	901.0	961,949	643.0	84,717	2,910	661,201	197.3	17,632
1969	762.0	842,604	459.0	60,334	3,870	874,377	128.4	11,566
1970	745.5	841,645	374.0	50,165	3,783	847,031	106.9	9,706
1971	669.0	752,423	329.6	47,006	4,282	960,910	132.3	12,111
1972	640.5	724,205	258.3	34,641	4,047	893,892	134.5	12,888
1973	701.0	794,204	179.6	21,437	3,274	733,510	165.8	16,590
1974	753.5	845,711	205.4	22,933	2,831	651,762	181.2	18,063
1975	938.5	999,105	343.4	39,862	2,452	559,107	153.8	15,127
1976	1,019.5	1,097,386	432.0	48,285	2,527	567,141	146.2	14,741
1977	1,056.2	1,146,609	380.0	55,026	2,857	644,167	135.4	13,378
1978	884.3	990,940	352.3	50,674	2,923	659,314	120.3	11,998

PENNSYLVANIA: CATTLE AND CALVES PRODUCTION, DISPOSITION AND INCOME, 1960-1978

Year	Inventory January 1	Calf Crop	Inship-ments	Marketings		Farm Slaughter	Deaths		Inventory January 1 Following	Gross Income 1/
				Cattle	Calves		Cattle	Calves		
	Thousands									
1960	1,913	918	167	413	478	43	28	85	1,951	$ 99,637
1965	1,874	888	151	465	477	41	28	84	1,818	101,076
1969	1,799	840	131	433	445	22	24	65	1,781	125,568
1970	1,781	831	120	396	455	22	26	70	1,763	128,514
1971	1,763	831	126	391	447	23	27	69	1,763	137,580
1972	1,763	820	105	401	426	19	26	71	1,745	161,073
1973	1,745	790	131	331	354	25	29	95	1,832	174,668
1974	1,832	780	103	350	248	22	35	100	1,960	151,107
1975	1,960	800	99	402	347	20	35	95	1,960	152,624
1976	1,960	790	95	429	317	24	30	85	1,960	164,832
1977	1,960	775	95	447	313	40	35	95	1,900	176,855
1978	1,900	770	95	462	306	32	35	90	1,840	266,968

1/ Value of marketings and home consumption.

PENNSYLVANIA: HOGS AND PIGS PRODUCTION, DISPOSITION AND INCOME, 1969-1978

Year	Inventory December 1	Pigs Saved	Marketings	Farm Slaughter	Deaths	Inventory January 1 Following	Gross Income 1/
	Thousands						
1969	537	825	657	45	90	570	35,957
1970	570	854	659	46	92	627	38,464
1971	627	824	698	46	93	614	31,089
1972	614	769	685	46	99	553	42,855
1973	553	765	623	43	92	560	59,364
1974	560	783	611	47	95	590	53,780
1975	590	872	672	51	87	660	77,600
1976	660	990	774	56	100	700	83,619
1977	700	1,012	742	60	120	790	71,424
1978	790	979	757	62	130	820	86,365

1/ Value of marketings and home consumption.

PENNSYLVANIA: SHEEP AND LAMB PRODUCTION, DISPOSITION AND INCOME, 1960-1978

Year	Inventory January 1	Lambs Saved	Marketings		Farm Slaughter	Deaths		Inventory January 1 Following	Gross Income 1/
			Sheep	Lambs		Sheep	Lambs		
	Thousands								
1960	250	161	38	98	4	24	13	235	$ 1,780
1965	189	136	21	86	4	19	10	185	1,815
1969	170	126	20	77	3	19	12	165	1,930
1970	165	123	17	75	3	20	13	160	1,905
1971	160	121	19	76	4	20	12	150	1,782
1972	150	111	14	69	4	20	10	144	1,863
1973	144	111	6	68	3	22	12	144	2,388
1974	144	116	23	78	3	20	11	125	2,934
1975	125	100	7	64	3	21	10	120	2,412
1976	120	96	22	65	2	18	9	100	3,008
1977	100	78	17	52	2	18	9	80	2,460
1978	80	62	10	37	2	10	8	75	2,678

1/ Value of marketings and home consumption.

PENNSYLVANIA: LIVESTOCK MARKETED THROUGH AUCTIONS, 1978

Market	Location	Bulls		Cows		Heifers		Steers
		Dairy	Slaughter	Dairy	Slaughter	Dairy	Slaughter	
Belknap Livestock Mkt.	Dayton (3)	-	763	-	3,082	-	1,162	1,009
Belleville Livestock Mkt., Inc.	Belleville (3)	98	434	2,050	5,440	838	428	400
Carlisle Livestock Mkt., Inc.	Carlisle (2)	-	13	-	8,523	-	179	52
Chambersburg Livestock Sales, Inc.	Chambersburg (4)	317	1,015	-	11,650	742	1,291	3,119
Chesley's Sales, Inc.	North East (1)	1	413	734	2,365	174	757	182
Cowangesque Valley Livestock Market	Knoxville (2)	-	310	-	2,258	-	415	186
Danville Cattle Co., Inc.	Danville (1)	-	436	-	2,524	-	630	808
Dewart Livestock Mkt.	Dewart (1)	-	1,147	-	5,211	-	1,649	2,713
Eight-Four Auction Sales, Inc.	Eighty-Four (1)	-	1,849	-	8,012	49	3,737	4,866
Fayette Stock Yard Company	Uniontown (2)	-	326	-	1,245	-	761	411
G & M Livestock Mkt., Inc.	Duncansville (1)	27	694	939	3,265	72	1,237	1,024
Gilbertsville Sales Stables, Inc.	Gilbertsville (6)	-	-	-	-	-	-	-
Greencastle Livestock Mkt., Inc.	Greencastle (1)	-	1,174	-	3,931	-	683	1,089
Green Dragon Livestock Sales	Ephrata (5)	404	236	3,480	1,964	134	416	264
Hickory Auction Sales, Inc.	Hickory (2)	-	3	-	15	-	17	6
Indiana Livestock Auction, Inc.	Homer City (4)	-	-	2,107	6,554	-	-	622
Jersey Shore Livestock, Inc.	Jersey Shore (2)	-	178	-	1,985	-	497	660
Keister Middleburg Auction Sales, Inc.	Middleburg (2)	-	926	-	4,637	-	1,612	4,878
Lebanon Valley Livestock Mkt., Inc.	Fredericksburg (2)	1	932	165	6,288	-	1,664	3,465
Leesport Mkt. & Auction	Leesport (3)	-	1,229	-	5,235	-	1,393	3,936
Meadville Livestock Auction	Saegertown (2,3)	30	930	627	4,466	25	2,767	838
Mercer Livestock Auction	Mercer (2)	21	1,410	-	6,152	-	3,355	6,231
Morrisons Cove Livestock Mkt.	Martinsburg (1)	-	1,281	-	6,152	-	2,581	2,761
New Holland Sales Stables, Inc.	New Holland (1,3,4)	232	4,501	6,837	18,927	4,740	3,285	40,012
New Wilmington Livestock Auction	New Wilmington (1)	-	1,941	-	8,399	-	3,137	1,881
Nicholson Sales Co.	Nicholson (2)	-	332	-	3,294	-	330	165
Penna. Livestock Auction	Waynesburg (4)	-	1,966	-	3,478	-	3,580	2,475
Penns Valley Livestock Auction	Centre Hall (2)	-	252	15	3,199	13	518	405
Perkiomenville Sales Stables, Inc.	Perkiomenville (1)	-	347	94	1,340	-	386	1,770
Quakertown Livestock Sale	Quakertown (3)	-	479	-	4,616	16	793	2,018
Scenery Hill Stock Yards	Scenery Hill (30	-	185	-	469	-	300	160
Sechrist Sales Co., Inc.	Fawn Grove (1)	-	283	-	2,062	-	339	602
Thomasville Livestock Mkt., Inc.	York (3)	-	587	-	2,357	-	1,437	3,537
Tri-County Livestock Auction, Inc.	Brockway (1)	-	219	-	1,526	-	136	576
Troy Sales Co-Operative	Troy (3)	-	483	-	4,989	-	361	168
Union City Livestock Auction	Union City (4)	-	86	1	523	-	131	31
Valley Stockyards, Inc.	Athens (1)	-	1,173	-	7,840	-	1,861	595
Vintage Sales Stables, Inc.	Paradise (2,3,6)	-	1,480	-	14,487	-	2,256	31,679
Wayne Co. Auction Barn	Honesdale (1,3)	-	360	-	4,636	3	372	206
Wyalusing Livestock Mkt.	Wyalusing (1)	-	657	-	5,049	-	887	330
TOTAL 39 AUCTIONS - 1978		1,131	31,030	17,049	188,145	6,806	47,340	126,130
TOTAL 41 AUCTIONS - 1977		870	33,785	18,411	187,193	8,087	49,834	139,846

Sales Days: (1) Monday (2) Tuesday (3) Wednesday (4) Thursday (5) Friday (6) Saturday

PENNSYLVANIA: LIVESTOCK MARKETED THROUGH AUCTIONS, 1978

Market	Calves	Swine		Sheep		Goats	Horses	Total Livestock By Markets	
		Stockers	Slaughter	Stockers	Slaughter			1978	1977
Belknap Livestock Mkt.	7,033	2,082	20,864	134	934	293	762	38,118	37,971
Belleville Livestock Mkt., Inc.	9,046	18,025	11,700	36	1,834	578	367	51,274	57,791
Carlisle Livestock Mkt., Inc.	7,625	8,093	15,024	118	1,212	-	-	40,839	48,035
Chambersburg Livestock Sales, Inc.	27,035	2,449	4,305	-	1,864	529	48	54,364	65,402
Chesley's Sales, Inc.	5,434	414	418	-	21	95	75	11,083	13,150
Cowangesque Valley Livestock Mkt.	8,550	42	236	-	141	89	40	12,267	13,198
Danville Cattle Co., Inc.	2,770	621	18,905	-	146	48	2	26,890	26,157
Dewart Livestock Mkt.	9,035	8,826	16,667	230	1,211	94	23	46,806	54,123
Eighty-Four Auction Sales, Inc.	14,173	540	5,742	155	7,282	231	175	46,811	47,220
Fayette Stock Yard Company	2,537	778	1,420	100	248	114	66	8,006	8,211
G & M Livestock Mkt., Inc.	6,441	2,094	6,773	34	649	41	51	23,341	8,773
Gilbertsville Sales Stables, Inc.	-	-	-	6	1	67	-	74	85
Greencastle Livestock Mkt., Inc.	9,951	1,424	1,558	-	235	55	23	20,123	18,164
Green Dragon Livestock Sales	1,779	169	-	3	29	29	4	8,911	11,123
Hickory Auction Sales, Inc.	285	172	39	2	37	119	29	724	1,150
Indiana Livestock Auction, Inc.	8,724	454	4,534	-	-	-	-	22,995	24,529
Jersey Shore Livestock, Inc.	4,081	342	1,774	10	108	36	-	9,671	11,634
Keister Middleburg Auction Sales, Inc.	8,540	16,833	24,267	-	662	347	38	62,740	67,170
Lebanon Valley Livestock Market, Inc.	10,035	1,783	17,335	-	877	75	10	42,630	50,659
Leesport Mkt. & Auction	8,534	9,528	17,616	143	2,141	698	41	50,494	52,710
Meadville Livestock Auction	13,143	873	3,621	-	674	516	4,763	33,273	33,291
Mercer Livestock Auction	6,549	499	10,390	6	1,571	-	-	36,184	41,645
Morrisons Cove Livestock Mkt.	14,825	1,590	15,684	-	400	155	14	45,443	58,437
New Holland Sales Stables, Inc.	33,743	70,619	76,489	-	2,591	604	17,019	279,599	268,195
New Wilmington Livestock Auction	15,601	4,336	30,072	-	5,956	451	-	71,774	67,913
Nicholson Sales Co.	10,834	210	276	21	89	107	16	15,674	16,856
Penna. Livestock Auction, Inc.	3,731	783	1,893	-	8,427	187	583	27,103	25,808
Penns Valley Livestock Auction	6,565	2,103	2,933	-	465	169	16	16,653	18,245
Perkiomenville Sales Stables, Inc.	2,697	330	4,204	-	430	101	10	11,709	13,804
Quakertown Livestock Sale	7,526	2,296	10,499	386	946	651	57	30,283	31,220
Scenery Hill Stock Yards	444	168	119	2	143	15	14	2,019	3,132
Sechrist Sales Co., Inc.	6,011	3,147	1,137	-	569	224	33	14,407	16,444
Thomasville Livestock Mkt., Inc.	3,990	1,801	1,393	46	382	149	7	15,686	16,288
Tri-County Livestock Auction, Inc.	2,273	185	405	20	14	48	55	5,457	6,746
Troy Sales Co-Operative	14,122	-	127	-	27	4	-	20,281	21,878
Union City Livestock Auction	2,906	98	117	-	24	58	11	3,986	2,145
Valley Stockyards, Inc.	22,022	1,464	3,837	89	1,443	667	225	41,216	44,810
Vintage Sales Stables, Inc.	29,475	-	64,026	-	2,270	332	26	146,031	163,268
Wayne Co. Auction Barn	15,064	64	75	4	62	54	1	20,901	21,521
Wyalusing Livestock Mkt.	14,465	299	332	36	128	140	28	22,351	22,332
TOTAL 39 AUCTIONS - 1978	377,594	165,534	396,806	1,581	46,243	8,170	24,632	1,438,191	-
TOTAL 41 AUCTIONS - 1977	407,225	170,207	411,194	3,676	47,753	7,575	25,587	-	1,511,233

PENNSYLVANIA: RECEIPTS AT LANCASTER UNION STOCKYARDS, 1977-78 1/

Month	Cattle	Calves	Hogs	Sheep	All Animals	
	1978	1978	1978	1978	1977	1978
January	9,004	1,031	15,209	388	22,026	25,632
February	9,464	910	13,805	500	20,666	24,679
March	12,514	994	13,812	2,138	28,188	29,458
April	18,831	878	15,290	2,034	29,672	37,033
May	14,098	782	15,700	609	29,310	31,189
June	13,242	833	15,215	633	31,514	29,923
July	11,595	1,040	14,913	726	27,472	28,274
August	11,247	1,057	16,443	336	32,992	29,083
September	15,229	854	15,756	460	30,095	32,299
October	16,568	1,048	17,237	419	35,653	35,272
November	11,065	807	11,816	288	28,513	23,976
December	7,427	659	16,309	306	24,227	24,701
Total 1977	164,660	12,986	154,517	8,165	340,328	-
Total 1978	150,284	10,893	181,505	8,837	-	351,519

1/ Excludes animals received in transit.

PENNSYLVANIA: CATTLE ON FEED, QUARTERLY, 1970-1979

Year	Total On Feed				Placed During Quarter				Marketed During Quarter			
	Jan 1.	Apr. 1	July 1	Oct. 1	Jan-Mar	Apr-June	July-Sept	Oct-Dec	Jan-Mar	Apr-June	July-Sep	Oct-Dec
	Thousand Head											
1970	88	78	53	53	18	16	36	62	28	41	36	23
1971	92	79	57	54	18	16	33	60	31	38	36	23
1972	91	81	54	49	20	20	30	56	30	47	35	18
1973	87	79	58	53	19	17	26	58	27	38	31	25
1974	86	78	57	48	19	17	23	63	27	38	32	26
1975	83	74	61	60	19	23	35	57	26	34	33	24
1976	90	80	62	58	19	18	32	62	27	30	32	25
1977	92	82	62	66	18	20	37	61	25	34	30	26
1978	98	82	55	58	15	16	29	50	28	38	25	19
1979	86	72	-	-	15	-	-	-	26	-	-	-

PENNSYLVANIA: NUMBER ON FEED BY CLASS, 1970-1979

Year	Steers				Heifers				Cows & Others			
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1	July 1	Oct. 1
	Thousand Head											
1970	79	69	46	46	5	5	3	3	4	4	4	4
1971	82	69	50	47	5	6	4	3	5	4	3	4
1972	80	72	47	43	6	5	4	2	5	4	3	4
1973	73	66	48	42	7	6	4	4	7	7	6	7
1974	69	63	46	39	8	5	4	4	9	10	7	5
1975	73	67	56	54	5	4	3	4	5	3	2	2
1976	81	76	56	49	7	3	4	7	2	1	2	2
1977	82	73	55	58	7	7	5	5	3	2	2	3
1978	87	71	47	51	9	8	6	4	2	3	2	3
1979	76	61	-	-	8	8	-	-	2	3	-	-

MINK

By J. Neil Woodward

Pennsylvania mink ranches produced 129,000 pelts in 1977, up two percent from 1976. This is the third largest crop in Pennsylvania since U.S.D.A. estimates were started in 1969. Pearl, demi-buff and pastel accounted for 62 percent of the total pelts produced. Pearl with 23 percent of the total was the most common color.

The number of females bred to produce kits in 1978 is 40,800, the second largest number on record, up 1 percent from 1977. The number of Pennsylvania mink ranches producing pelts declined for the eighth straight year to 48.

Mink pelt production in the United States in 1977 totaled 3.1 million pelts, up 2 percent from 1976. Wisconsin, the major mink State, produced 928,000 pelts, slightly fewer than the 931,000 a year ago.

By color class, the number of pelts as a percent of the total 1977 production was: Standard, 34.1 percent; demi-buff, 17.2 percent; pastel, 24.0 percent; pearl, 7.6 percent; violet, 6.7 percent and the remaining color classes accounted for 10.4 percent.

Mink pelts sold during the 1977 crop year were valued at 87.3 million dollars. This compares with a value of 87.8 million dollars for pelts sold during the 1976 crop year. The average price per pelt for the 1977 crop year was $28.40 compared with $29.00 a year ago.

Mink females bred to produce kits in 1978 totaled 925,000, up 4 percent from the 887,000 the previous year. Bred females and percent changes from a year ago for the two major color classes are: Standard, 458,000 females bred, up 12 percent; pastel, 237,000, up 2 percent. Females bred in the leading mink States and percent changes from 1977 are: Wisconsin, 264,000, up 3 percent; Utah, 129,000, up 14 percent and Minnesota 116,000, up 12 percent.

Percent of total females bred to produce kits in 1978 by color class are: Standard, 49.5 percent; pastel, 25.6 percent; pearl, 6.9 percent; violet, 6.8 percent with the remaining color classes accounting for 11.2 percent.

There were 1,034 mink ranches producing pelts in 1977, up 2 percent from a year ago. Wisconsin with 255 ranches was down 2 percent, Utah with 185 ranches was up 10 percent and Minnesota with 129 was up 5 percent.

PENNSYLVANIA: MINK PELTS PRODUCED AND FEMALES BRED, BY-COLOR CLASS, 1975-1978

Color Class	Pelts Produced			Females Bred To Produce Kits		
	1975	1976	1977	1976	1977	1978
Standard	16,900	15,300	12,700	8,300	9,500	10,300
Pastel	21,900	20,800	25,000	7,300	8,700	9,600
Pale Brown	1/	1/	1/	1/	1/	1/
Sapphire	5,500	7,600	14,000	2,500	3,400	5,000
Gunmetal	1,700	1,100	1,300	500	520	410
Platinum	700	500	310	450	450	1/
Pearl	37,500	31,100	29,400	10,700	10,100	7,500
Lavender-Hope	1/	1/	1/	1/	1/	1/
Violet Type	22,100	23,300	15,300	7,100	5,900	4,700
White	510	1/	1/	160	-	1/
Pink	1/	1/	1/	1/	1/	1,600
Demi-Buff	16,100	21,800	25,700	2/	2/	2/
PENNSYLVANIA TOTAL	125,000	126,000	129,000	38,500	40,300	40,800

1/ Included in total to avoid disclosing individual operations. 2/ Included in standard color class.

MINK RANCHES, PELTS PRODUCED, AND FEMALES BRED, MAJOR STATES - 1975-1978

State	Ranches Producing Pelts			Pelts Produced			Females Bred To Produce Kits In		
	1975	1976	1977	1975	1976	1977	1976	1977	1978
Idaho	39	34	38	135,000	127,000	132,000	38,000	37,500	39,000
Illinois	30	29	28	175,000	173,000	176,000	47,000	46,100	43,700
Indiana	8	8	8	17,000	18,000	18,000	4,500	4,600	4,800
Iowa	53	49	48	116,000	104,000	105,000	32,500	38,100	32,600
Massachusetts	16	9	12	23,000	16,000	18,000	6,000	5,000	5,000
Michigan	35	35	37	114,000	105,000	104,000	30,500	29,000	32,000
Minnesota	146	123	129	411,000	383,000	376,000	104,000	104,000	116,000
New York	38	36	34	89,000	100,000	95,000	27,000	29,300	31,100
Ohio	36	37	34	118,000	121,000	117,000	35,500	35,800	35,400
Oregon	47	42	36	168,000	139,000	141,000	38,500	35,600	38,700
PENNSYLVANIA	51	49	48	125,000	126,000	129,000	38,500	40,300	40,800
South Dakota	8	7	9	55,000	58,000	59,000	14,500	16,900	16,600
Utah	186	168	185	308,000	323,000	359,000	97,000	113,000	129,000
Washington	55	54	56	151,000	154,000	169,000	41,600	45,700	46,800
Wisconsin	265	260	255	915,000	931,000	928,000	238,000	257,000	264,000
All Other States	71	75	77	147,000	,000	147,000	43,200	49,000	49,000
U.S. TOTAL	1,084	1,015	1,034	3,067,000	3,026,000	3,073,000	837,000	887,000	925,000

POULTRY SUMMARY — 1978

By Chris L. Cadwallader

PENNSYLVANIA'S laying flocks produced 3,357 million eggs during the one year period ended November 30, 1978. This was 13 percent more than the previous year and 24 percent more than the 1976 production. The average number of layers on hand during 1978 was 13,418,000, 10 percent above the previous year.

The number of chickens on farms (excluding broilers) on December 1, 1978 totaled 18,625,000 birds, 8 percent above the previous year and 28 percent above December 1, 1976. The estimated value of the December 1, 1978 inventory was $33,525,000 or $1.80 per bird. The inventory was composed of 5,401,000 hens, 9,499,000 pullets of laying age, 3,537,000 pullets not yet of laying age and 188,000 other chickens.

Preliminary estimates of the average price received per dozen eggs sold during the year ended November 30, 1978 was .493 cents compared with .537 cents last year.

PENNSYLVANIA'S commercial hatcheries produced 136,919,000 chicks during 1978, 12 percent more than the 1977 production. Egg-type hatch, at 23,381,000 was up 17 percent while broiler-type with a hatch of 113,538,000 chicks was 11 percent above 1977. Broiler hatch during 1978 was above 1977 in each of the twelve months.

Commercial broiler production in Pennsylvania during 1978 totaled 99,300,000 birds, 13 percent more than were raised during 1977. Total liveweight for 1978 was 397,200,000 pounds compared to 352,560,000 pounds in 1977. The average price per pound during 1978 was 27.3 cents compared with 25.2 cents a year earlier. With increases in both production and price, the gross income of $108,436,000 was up 22 percent from 1977.

The 1978 average price for farm chickens (excluding broilers) was 20.8 cents per pound compared with 19.9 cents a year earlier. Total weight was 66,232,000 pounds and the value of production amounted to $12,871,000.

Gross value from production of poultry in 1978 was approximately $259 million according to preliminary estimates. This is up 12 percent from the 1977 value.

PENNSYLVANIA: CHICKEN INVENTORY ON FARMS, 1960-1978

Year	Layers			Pullets Not Laying	Other Chickens 2/	Total Chickens 1/	
	Hens	Pullets 2/	Total			Number	Value - Dollars
				Thousands			
January 1:							
1960	6,535	13,562	20,097		1,081	21,178	29,649
1965	7,117	9,070	16,187	3,188	201	19,576	29,364
1966	7,544	7,672	15,216	3,450	191	18,857	29,228
1967	6,488	8,728	15,216	3,892	191	19,299	29,913
1968	5,969	8,791	14,760	2,816	172	17,748	27,509
1969	6,152	8,262	14,414	2,988	176	17,578	28,125
December 1:							
1969	6,250	8,425	14,675	2,617	151	17,443	29,653
1970	6,213	8,633	14,846	3,239	157	18,242	28,275
1971	5,072	7,752	12,824	3,082	144	16,050	27,285
1972	5,209	7,184	12,393	3,017	140	15,550	21,770
1973	4,961	6,552	11,513	2,817	130	14,460	23,136
1974	4,876	7,510	12,386	2,544	120	15,050	26,338
1975	4,958	6,427	11,385	2,353	112	13,850	23,545
1976	4,565	7,335	11,900	2,476	136	14,512	26,847
1977	6,025	8,175	14,200	2,855	165	17,220	32,718
1978	5,401	9,499	14,900	3,537	188	18,625	33,525

1/ Chickens excluding commercial broilers. 2/ Before 1965 includes some pullets not of laying age.

PENNSYLVANIA: LAYERS, EGG PRODUCTION, EGG PRICES AND HATCH DATA, BY MONTHS, 1960-1978

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average Or Total 1/
Number Of Layers (Thousands)													
1960	17,768	17,289	16,753	16,300	15,933	15,614	15,426	15,594	16,142	16,794	17,286	17,408	16,526
1965	16,122	15,978	15,834	15,691	15,464	15,392	15,352	15,290	15,396	15,296	15,247	15,284	15,529
1969	14,436	14,457	14,392	14,234	14,212	14,175	14,209	14,371	14,500	14,623	14,656	14,617	14,407
1970	14,464	14,470	14,454	14,287	14,173	13,905	14,022	14,495	14,601	14,674	14,818	14,772	14,415
1971	14,625	14,406	14,046	13,694	13,555	13,487	13,352	13,219	13,021	12,857	12,824	12,824	13,655
1972	12,760	12,569	12,318	12,071	11,890	11,889	11,948	11,948	12,008	12,128	12,291	12,455	12,220
1973	12,705	12,764	12,572	12,384	12,075	11,772	11,653	11,823	11,813	11,633	11,573	11,571	12,102
1974	11,570	11,455	11,397	11,340	11,283	11,396	11,509	11,624	11,857	12,034	12,240	12,386	11,606
1975	12,200	12,014	11,834	11,596	11,422	11,250	11,193	11,193	11,221	11,249	11,317	11,385	11,573
1976	11,328	11,384	11,440	11,098	10,867	10,921	10,703	10,799	11,058	11,222	11,671	11,841	11,156
1977	11,840	11,959	11,898	11,602	11,540	11,596	11,769	12,335	12,985	13,367	13,817	14,051	12,212
1978	13,563	13,213	13,399	13,349	13,200	13,050	12,800	12,820	13,170	13,850	14,550	14,800	13,418
Number Of Eggs Produced (Million)													
1960	319	299	316	307	316	289	284	277	268	281	281	292	3,529
1965	298	271	302	298	305	287	289	281	268	268	256	269	3,392
1969	277	250	282	276	284	273	275	270	261	269	256	273	3,246
1970	276	247	276	269	277	262	266	269	265	275	265	276	3,220
1971	276	249	279	263	270	266	269	264	251	254	245	257	3,162
1972	260	239	251	240	243	231	241	238	234	245	239	251	2,918
1973	255	230	252	244	249	232	231	229	224	231	223	230	2,851
1974	229	207	233	229	238	228	233	234	227	236	235	248	2,759
1975	252	228	248	236	241	228	230	224	213	227	225	233	2,800
1976	232	220	239	225	227	219	219	216	213	229	229	239	2,701
1977	241	222	250	238	246	239	242	244	249	273	277	294	2,960
1978	287	252	283	274	282	274	278	273	270	293	297	319	3,357
Average Prices Received For Eggs (Cents Per Dozen)													
1960	.35	.33	.36	.43	.37	.36	.38	.40	.45	.51	.51	.51	.409
1965	.33	.34	.33	.37	.30	.32	.34	.38	.40	.39	.41	.44	.361
1969	.47	.42	.43	.38	.32	.31	.40	.35	.41	.42	.52	.61	.418
1970	.58	.53	.46	.36	.30	.30	.34	.34	.39	.34	.35	.39	.409
1971	.37	.34	.33	.35	.33	.29	.29	.30	.31	.29	.30	.34	.323
1972	.30	.28	.30	.31	.28	.27	.29	.30	.31	.30	.38	.46	.305
1973	.50	.42	.44	.46	.43	.48	.51	.64	.63	.58	.58	.64	.509
1974	.68	.69	.61	.54	.45	.39	.45	.41	.51	.55	.55	.58	.540
1975	.58	.56	.54	.50	.46	.42	.45	.46	.52	.53	.54	.59	.512
1976	.64	.60	.53	.52	.52	.53	.52	.57	.59	.59	.62	.69	.568
1977	.67	.69	.60	.55	.49	.44	.48	.48	.50	.43	.48	.47	.537
1978	.47	.52	.54	.52	.47	.42	.45	.51	.51	.51	.54	.58	.493
Egg-Type Chick Hatch (Thousands)													
1960	1,919	2,850	4,617	4,613	4,589	2,602	1,010	799	994	840	787	1,288	26,908
1965	1,951	2,072	3,539	3,608	3,423	2,975	1,442	1,971	1,450	1,547	1,903	1,640	27,521
1969	1,933	1,857	2,447	2,822	2,486	2,320	1,886	1,663	1,695	2,021	1,560	2,074	24,764
1970	2,458	2,422	3,201	3,289	2,995	2,382	2,463	1,606	2,224	2,107	1,664	1,942	28,753
1971	2,121	2,343	2,987	3,092	2,891	2,558	2,206	1,895	1,997	2,055	1,825	1,706	27,676
1972	1,903	2,410	2,565	2,733	2,840	2,222	1,878	1,934	1,976	2,016	1,516	1,764	25,757
1973	2,078	1,744	2,783	2,860	2,593	2,016	1,679	1,996	1,585	2,344	1,807	1,524	25,009
1974	1,722	1,799	2,229	2,496	2,364	1,922	1,559	1,259	1,473	1,722	1,659	1,532	21,736
1975	1,535	1,815	2,360	2,592	2,363	2,087	1,638	1,650	1,508	1,710	1,272	1,564	22,094
1976	1,627	1,482	2,405	2,729	2,582	1,813	1,576	1,447	1,479	1,565	1,498	1,471	21,674
1977	1,192	1,598	2,067	2,580	2,495	2,105	957	1,020	1,334	1,289	1,656	1,679	19,972
1978	1,725	1,188	1,893	2,303	2,515	2,500	1,858	1,800	1,619	1,899	2,090	1,991	23,381
Broiler-Type Chick Hatch (Thousands)													
1960	4,638	4,067	4,492	4,194	5,218	4,596	5,040	4,264	3,590	3,722	4,039	4,668	52,528
1965	4,439	4,396	4,651	4,830	4,990	4,987	4,867	4,605	4,507	3,938	4,365	4,650	55,225
1969	5,396	5,181	5,900	6,204	6,446	5,816	5,877	5,986	6,152	5,825	6,245	6,282	71,310
1970	6,283	5,815	6,347	6,337	6,648	6,555	6,328	6,441	5,718	5,754	5,937	6,276	74,439
1971	6,095	5,856	6,678	6,805	6,801	6,991	6,873	7,200	6,655	5,974	6,863	6,594	79,385
1972	6,096	6,514	7,055	6,618	6,674	6,543	6,491	6,452	6,091	6,007	5,665	6,511	76,717
1973	6,257	5,857	7,241	7,055	7,616	7,251	7,258	7,267	6,710	7,133	6,889	7,180	83,714
1974	6,890	6,168	7,019	6,746	7,462	7,289	6,800	6,962	6,386	6,412	6,609	7,201	81,944
1975	6,641	6,185	7,286	7,278	7,469	7,172	7,677	7,283	6,948	7,283	6,597	7,314	85,133
1976	7,017	7,006	7,973	8,248	8,752	8,490	8,590	8,272	8,326	8,095	8,384	8,595	97,748
1977	8,733	7,734	9,173	8,840	9,215	8,683	8,728	8,083	7,965	8,443	8,287	8,656	102,540
1978	9,067	8,391	9,725	9,383	10,391	10,151	9,764	9,757	8,903	9,312	9,122	9,572	113,538

1/ For layers, eggs and prices, marketing year ending November 30, 1970 to date.

PENNSYLVANIA: CHICKENS ON FARMS AND VALUE, DECEMBER 1, 1978

County & District	Chickens: Number On Farms By Classes			All Chickens	
	Hens & Pullets Of Laying Age	Pullets Not Of Laying Age	Other Chickens	Number	Value (Dollars)
Crawford	111,000	38,000	1,000	150,000	270,000
Erie	39,400	15,000	600	55,000	99,000
Forest	3,400	500	100	4,000	7,200
Mercer	53,000	6,500	500	60,000	108,000
Venango	8,000	800	200	9,000	16,200
Warren	51,200	20,000	800	72,000	129,600
NORTHWESTERN, TOTAL	266,000	80,800	3,200	350,000	630,000
Bradford	142,500	105,000	2,500	250,000	450,000
Cameron	400	100	-	500	900
Clinton	9,400	1,000	100	10,500	18,900
Elk	64,500	20,000	500	85,000	153,000
Lycoming	37,400	2,200	400	40,000	72,000
McKean	10,000	800	200	11,000	19,800
Potter	75,300	3,500	1,200	80,000	144,000
Sullivan	7,300	600	100	8,000	14,400
Tioga	118,400	20,000	1,600	140,000	252,000
NORTH CENTRAL, TOTAL	465,200	153,200	6,600	625,000	1,125,000
Lackawanna	93,800	25,000	1,200	120,000	216,000
Susquehanna	372,000	21,100	1,900	395,000	711,000
Wayne	282,000	130,000	3,000	415,000	747,000
Wyoming	71,000	18,000	1,000	90,000	162,000
NORTHEASTERN, TOTAL	818,800	194,100	7,100	1,020,000	1,836,000
Armstrong	34,700	12,000	800	47,500	85,500
Beaver	29,500	10,000	500	40,000	72,000
Butler	169,200	158,000	2,800	330,000	594,000
Clarion	62,300	17,000	700	80,000	144,000
Indiana	234,500	32,000	2,500	269,000	484,200
Jefferson	54,300	8,000	1,200	63,500	114,300
Lawrence	104,000	15,000	1,000	120,000	216,000
WEST CENTRAL, TOTAL	688,500	252,000	9,500	950,000	1,710,000
Blair	110,800	18,000	1,200	130,000	234,000
Cambria	89,200	15,000	800	105,000	189,000
Centre	37,400	6,000	600	44,000	79,200
Clearfield	79,000	10,000	1,000	90,000	162,000
Columbia	198,400	20,000	1,600	220,000	396,000
Dauphin	397,200	45,000	2,800	445,000	801,000
Huntingdon	64,500	5,000	500	70,000	126,000
Juniata	173,000	15,000	2,000	190,000	342,000
Mifflin	148,400	130,000	13,600	292,000	525,600
Montour	61,600	4,000	400	66,000	118,800
Northumberland	347,000	35,000	3,000	385,000	693,000
Perry	205,700	22,000	2,300	230,000	414,000
Snyder	273,700	120,900	3,400	398,000	716,400
Union	212,500	25,000	2,500	240,000	432,000
CENTRAL, TOTAL	2,398,400	470,900	35,700	2,905,000	5,229,000
Carbon	50,000	14,500	500	65,000	117,000
Lehigh	299,800	18,000	2,200	320,000	576,000
Luzerne	80,000	14,200	800	95,000	171,000
Monroe	31,900	2,800	300	35,000	63,000
Northampton	160,000	23,000	2,000	185,000	333,000
Pike	27,800	2,000	200	30,000	54,000
Schuylkill	504,700	215,000	5,300	725,000	1,305,000
EAST CENTRAL, TOTAL	1,154,200	289,500	11,300	1,455,000	2,619,000
Allegheny	106,800	11,500	1,700	120,000	216,000
Fayette	98,700	15,000	1,300	115,000	207,000
Greene	22,000	2,800	200	25,000	45,000
Somerset	158,900	14,000	2,100	175,000	315,000
Washington	97,000	12,000	1,000	110,000	198,000
Westmoreland	172,200	30,000	2,800	205,000	369,000
SOUTHWESTERN, TOTAL	655,600	85,300	9,100	750,000	1,350,000
Adams	744,500	100,000	5,500	850,000	1,530,000
Bedford	66,000	3,500	500	70,000	126,000
Cumberland	172,500	20,000	2,500	195,000	351,000
Franklin	280,500	35,000	4,500	320,000	576,000
Fulton	65,800	5,000	1,200	72,000	129,600
York	776,500	55,000	6,500	838,000	1,508,400
SOUTH CENTRAL, TOTAL	2,105,800	218,500	20,700	2,345,000	4,221,000
Berks	360,200	65,000	4,800	430,000	774,000
Bucks	453,500	50,000	6,500	510,000	918,000
Chester	236,600	46,000	2,400	285,000	513,000
Delaware	10,300	1,500	200	12,000	21,600
Lancaster	4,674,000	1,450,000	63,000	6,187,000	11,136,600
Lebanon	296,000	150,000	4,000	450,000	810,000
Montgomery	316,200	30,000	3,800	350,000	630,000
Philadelphia	700	200	100	1,000	1,800
SOUTHEASTERN, TOTAL	6,347,500	1,792,700	84,800	8,225,000	14,805,000
PENNSYLVANIA	14,900,000	3,537,000	188,000	18,625,000	33,525,000

PENNSYLVANIA: NUMBER OF LAYERS, EGG PRODUCTION AND VALUE OF EGGS PRODUCED - 1978

County & District	Average Number Layer	Egg Production		Value Of Production
		Per Layer	Total	
	Number	Eggs	Eggs (000)	Dollars (000)
Crawford	100,000	265	26,500	1,089
Erie	35,500	270	9,585	394
Forest	3,000	260	780	32
Mercer	47,700	260	12,402	509
Venango	7,200	260	1,872	77
Warren	46,100	270	12,447	511
NORTHWESTERN, TOTAL	239,500	265	63,586	2,612
Bradford	128,300	250	32,075	1,318
Cameron	400	260	104	4
Clinton	8,500	260	2,210	91
Elk	58,100	260	15,106	621
Lycoming	33,600	270	9,072	373
McKean	9,000	265	2,385	98
Potter	67,800	260	17,628	724
Sullivan	6,600	255	1,683	69
Tioga	106,600	265	28,249	1,161
NORTH CENTRAL, TOTAL	418,900	259	108,512	4,459
Lackawanna	84,500	240	20,280	833
Susquehanna	335,000	240	80,400	3,303
Wayne	254,000	255	64,770	2,661
Wyoming	63,900	250	15,975	656
NORTHEASTERN, TOTAL	737,400	246	181,425	7,453
Armstrong	31,200	260	8,112	333
Beaver	26,600	245	6,517	268
Butler	152,400	255	38,862	1,597
Clarion	56,100	250	14,025	576
Indiana	211,100	260	54,886	2,255
Jefferson	48,900	250	12,225	502
Lawrence	93,700	250	23,425	962
WEST CENTRAL, TOTAL	620,000	255	158,052	6,493
Blair	99,800	245	24,451	1,055
Cambria	80,300	255	20,477	841
Centre	33,700	250	8,425	346
Clearfield	71,100	255	18,131	745
Columbia	178,700	245	43,782	1,799
Dauphin	357,600	255	91,188	3,746
Huntingdon	58,100	255	14,816	609
Juniata	155,800	250	38,950	1,600
Mifflin	133,600	250	33,400	1,372
Montour	55,500	260	14,430	593
Northumberland	312,500	265	82,813	3,402
Perry	185,200	260	48,152	1,978
Snyder	246,500	255	62,858	2,582
Union	191,400	255	48,807	2,005
CENTRAL, TOTAL	2,159,800	255	550,680	22,623
Carbon	45,000	250	11,250	462
Lehigh	270,000	260	70,200	2,884
Luzerne	72,000	260	18,720	769
Monroe	28,700	255	7,318	301
Northampton	144,100	255	36,745	1,510
Pike	25,100	270	6,777	278
Schuylkill	454,500	265	120,442	4,948
EAST CENTRAL, TOTAL	1,039,400	261	271,452	11,152
Allegheny	96,100	230	22,103	903
Fayette	88,900	245	21,780	895
Greene	19,800	240	4,752	195
Somerset	143,100	235	33,628	1,382
Washington	87,400	225	19,665	808
Westmoreland	155,100	230	35,673	1,465
SOUTHWESTERN, TOTAL	590,400	233	137,601	5,653
Adams	670,500	230	154,215	6,336
Bedford	59,400	225	13,365	549
Cumberland	155,300	230	35,719	1,467
Franklin	252,600	235	59,361	2,439
Fulton	59,300	225	13,342	548
York	699,300	230	160,839	6,608
SOUTH CENTRAL, TOTAL	1,896,400	230	436,841	17,947
Berks	324,400	250	81,100	3,332
Bucks	408,400	255	104,142	4,279
Chester	213,100	240	51,144	2,101
Delaware	9,300	245	2,279	94
Lancaster	4,209,100	254	1,069,449	43,937
Lebanon	266,600	255	67,983	2,793
Montgomery	284,700	255	72,598	2,983
Philadelphia	600	260	156	6
SOUTHEASTERN, TOTAL	5,716,200	253	1,448,851	59,525
PENNSYLVANIA	13,418,000	250	3,357,000	137,917

PENNSYLVANIA: BROILER-TYPE EGGS SET, BROILER CHICKS HATCHED AND PLACED BY WEEKS, 1976-1978

Year And Week Ending	Eggs Set 1/	Chicks Hatched	Chicks Placed 1/	Year And Week Ending	Eggs Set 1/	Chicks Hatched	Chicks Placed 2/
		Thousand				Thousand	
1976:				1977:			
Nov. 27	2,513	2,053	1,758	Nov. 26	2,429	1,947	1,873
Dec. 4	2,418	2,031	1,788	Dec. 3	2,462	1,950	1,955
11	2,410	1,906	1,662	10	2,312	1,895	1,898
18	2,519	1,987	1,780	17	2,516	2,018	1,917
25	2,492	1,906	1,690	24	2,472	1,963	1,879
				31	2,479	1,877	1,805
1977:				1978:			
Jan. 1	2,571	1,897	1,645	Jan. 7	2,737	1,970	1,861
8	2,418	1,991	1,778	14	2,632	1,971	1,865
15	2,378	1,980	1,706	21	2,480	1,986	1,802
22	2,535	2,032	1,810	28	2,716	2,217	2,014
29	2,286	1,911	1,704				
				Feb. 4	2,637	2,118	1,991
Feb. 5	2,513	1,867	1,652	11	2,559	1,946	1,791
12	2,509	2,003	1,778	18	2,769	2,188	2,054
19	2,594	1,833	1,601	25	2,599	2,121	1,942
26	2,436	1,974	1,668				
				Mar. 4	2,890	2,124	1,947
Mar. 5	2,722	2,009	1,731	11	2,844	2,182	1,962
12	2,579	2,048	1,787	18	2,567	2,076	1,859
19	2,531	1,978	1,734	25	2,599	2,222	1,998
26	2,465	2,154	1,903				
				Apr. 1	2,788	2,332	2,143
Apr. 2	2,612	2,127	1,831	8	2,729	2,075	1,898
9	2,603	2,019	1,776	15	2,950	2,128	1,961
16	2,654	1,994	1,750	22	2,804	2,255	2,043
23	2,543	2,104	1,846	29	2,724	2,196	2,017
30	2,497	2,047	1,857				
				May 6	2,979	2,318	2,107
May 7	2,610	2,079	1,939	13	2,947	2,277	2,053
14	2,643	2,073	1,930	20	2,914	2,251	2,012
21	2,781	2,039	1,922	27	2,909	2,456	2,194
28	2,495	2,058	1,897				
				June 3	2,937	2,373	2,148
June 4	2,454	2,072	2,010	10	2,950	2,341	2,153
11	2,613	2,[illegible]	1,996	17	2,745	2,362	2,131
18	2,398	1,937	1,724	24	2,818	2,332	2,118
25	2,479	1,909	1,720				
				July 1	2,670	2,389	2,177
July 2	2,314	2,056	1,934	8	2,782	2,212	2,002
9	2,520	1,945	1,836	15	2,780	2,250	2,033
16	2,474	1,995	1,783	22	2,937	2,098	1,931
23	2,339	1,882	1,660	29	2,836	2,192	1,957
30	2,251	2,023	1,840				
				Aug. 5	2,783	2,190	1,987
Aug. 6	2,148	1,935	1,706	12	2,779	2,258	2,039
13	2,365	1,845	1,660	19	2,667	2,186	2,002
20	2,354	1,754	1,571	26	2,614	2,180	1,980
27	2,369	1,766	1,575				
				Sep. 2	2,617	2,184	2,065
Sep. 3	2,390	1,836	1,612	9	2,518	2,119	2,064
10	2,275	1,823	1,593	16	2,500	2,121	1,869
17	2,383	1,903	1,758	23	2,650	2,044	1,849
24	2,353	1,896	1,784	30	2,776	1,987	1,980
Oct. 1	2,456	1,806	1,731	Oct. 7	2,717	2,004	1,991
8	2,409	1,900	1,807	14	2,607	2,073	1,933
15	2,324	1,855	1,727	21	2,754	2,186	2,084
22	2,425	1,955	1,928	28	2,760	2,153	2,085
29	2,450	1,919	1,875				
				Nov. 4	2,430	2,065	1,952
Nov. 5	2,451	1,909	1,800	11	2,755	2,190	2,005
12	2,434	1,918	1,823	18	2,805	2,217	2,063
19	2,359	1,941	1,838				
TOTAL	128,114	102,030	92,214	TOTAL	140,630	111,765	103,439

1/ Eggs set include eggs set for all broiler-type chicks, those to be raised as broilers and those to be raised as hatchery flock replacements. Broiler chicks hatched and placed include only chicks to be raised as broilers.
2/ Adjusted for chicks shipped out of State.

PENNSYLVANIA: BROILER PRODUCTION AND VALUE, 1978

County & District	Number Produced	Pounds Produced	Value Of Production
	Number (000)	Pounds (000)	Dollars (000)
Crawford	70	280	76
Erie	16	64	18
Forest	*	12	3
Mercer	122	488	133
Venango	94	376	103
Warren	*	12	3
NORTHWESTERN, TOTAL	302	1,232	336
Bradford	677	2,708	739
Cameron	*	12	3
Clinton	19	76	22
Elk	37	148	40
Lycoming	195	780	213
McKean	246	984	269
Potter	195	780	213
Sullivan	742	2,968	810
Tioga	1,447	5,788	1,580
NORTH CENTRAL, TOTAL	3,558	14,244	3,889
Lackawanna	113	452	123
Susquehanna	123	492	134
Wayne	294	1,176	321
Wyoming	190	760	208
NORTHEASTERN, TOTAL	720	2,880	786
Armstrong	35	140	38
Beaver	*	20	6
Butler	54	216	59
Clarion	*	12	3
Indiana	203	812	222
Jefferson	67	268	73
Lawrence	37	148	40
WEST CENTRAL, TOTAL	396	1,616	441
Blair	354	1,416	387
Cambria	4,653	18,612	5,081
Centre	16	64	17
Clearfield	21	84	23
Columbia	2,072	8,288	2,263
Dauphin	3,266	13,064	3,567
Huntingdon	262	1,048	286
Juniata	2,889	11,556	3,155
Mifflin	3,489	13,956	3,810
Montour	817	3,268	892
Northumberland	3,282	13,128	3,584
Perry	784	3,136	856
Snyder	4,859	19,436	5,306
Union	1,944	7,776	2,122
CENTRAL, TOTAL	28,708	114,832	31,349
Carbon	*	20	6
Lehigh	13	52	14
Luzerne	91	364	99
Monroe	*	12	3
Northampton	161	644	176
Pike	54	216	59
Schuylkill	2,018	8,072	2,204
EAST CENTRAL, TOTAL	2,337	9,380	2,561
Allegheny	219	876	239
Fayette	*	12	3
Greene	*	20	6
Somerset	78	312	85
Washington	11	44	12
Westmoreland	*	32	9
SOUTHWESTERN, TOTAL	308	1,296	354
Adams	5,309	21,236	5,797
Bedford	495	1,980	541
Cumberland	685	2,740	748
Franklin	988	3,952	1,079
Fulton	268	1,072	293
York	6,918	27,672	7,554
SOUTH CENTRAL, TOTAL	14,663	58,652	16,012
Berks	4,551	18,204	4,970
Bucks	110	440	120
Chester	2,008	8,032	2,193
Delaware	*	12	3
Lancaster	37,480	149,920	40,928
Lebanon	3,858	15,432	4,213
Montgomery	254	1,016	278
Philadelphia	*	12	3
SOUTHEASTERN, TOTAL	48,261	193,068	52,708
OTHER COUNTIES	47		
PENNSYLVANIA	99,300	397,200	108,436

PENNSYLVANIA: COMMERCIAL BROILERS AND ROASTERS - PRODUCTION AND INCOME, 1960-1978

Year	Number Produced	Pounds Per Bird	Pounds Produced	Price Per Pound	Gross Income
	Thousands	Pounds	Thousands	Cents	Thous. Dols.
1960	37,725	3.7	139,582	18.9	26,381
1965	42,962	3.9	167,552	17.6	29,489
1967	44,256	4.0	177,024	15.4	27,262
1968	45,424	4.0	181,696	16.2	29,435
1969	48,998	4.0	195,992	16.9	33,123
1970 1/	53,677	4.0	214,708	15.6	33,494
1971	60,209	4.0	240,836	16.0	38,534
1972	59,368	4.1	243,409	16.4	39,919
1973	61,263	4.1	251,178	27.5	69,074
1974	63,649	4.1	260,961	29.3	76,462
1975	65,770	4.1	269,657	31.5	84,942
1976	75,108	4.1	307,943	26.7	82,221
1977	88,140	4.0	352,560	25.2	88,845
1978	99,300	4.0	397,200	27.3	108,436

1/ Beginning with 1970 marketing year ends November 30.

PENNSYLVANIA: FARM CHICKENS - TOTAL WEIGHT, PRICE, AND VALUE OF PRODUCTION, 1960-1978

Year	Total Weight	Average Price	Value Of Production
	Thous. Lbs.	¢/Lb.	Thous. Dols.
1960	60,924	16.2	9,870
1965	52,386	12.1	6,339
1967	64,973	10.8	7,017
1968	52,669	10.4	5,478
1969	59,088	12.6	7,445
1970 1/	56,816	12.3	6,988
1971	60,652	11.0	6,672
1972	75,019	14.5	10,878
1973	73,231	20.6	15,086
1974	73,851	17.0	12,555
1975	30,993	20.6	6,385
1976	53,430	23.5	12,556
1977	77,306	19.9	15,384
1978	66,232	20.8	13,776

1/ Beginning with 1970 marketing year ends November 30.

PENNSYLVANIA: EGGS - NUMBER PRODUCED, PRICE, AND VALUE OF PRODUCTION, 1960-1978

Year	Number Produced	Price Per Dozen	Value Of Production
	Million	¢/Doz.	Thous. Dols.
1960	3,529	40.9	120,280
1965	3,392	36.1	102,043
1967	3,165	34.6	91,257
1968	3,143	37.0	96,909
1969	3,246	41.8	113,069
1970 1/	3,220	40.9	109,748
1971	3,162	32.3	85,110
1972	2,918	30.5	74,116
1973	2,851	50.9	120,930
1974	2,759	54.0	124,555
1975	2,800	51.2	119,467
1976	2,701	56.8	127,847
1977	2,960	53.7	132,460
1978	3,357	49.3	137,917

1/ Beginning with 1970 marketing year ends November 30.

PENNSYLVANIA: VALUE OF POULTRY MEAT AND EGG PRODUCTION, 1978

County & District	Value Of Poultry Meat			Value Of Eggs	Combined Value Of Poultry Meat & Eggs Produced
	Farm Chickens And Turkeys	Broilers	Total		
			Dollars		
Crawford	102,700	76,000	178,700	1,089,000	1,267,700
Erie	36,500	18,000	54,500	394,000	448,500
Forest	3,100	3,000	6,100	32,000	38,100
Mercer	49,000	133,000	182,000	509,000	691,000
Venango	7,400	103,000	110,400	77,000	187,400
Warren	47,300	3,000	50,300	511,000	561,300
NORTHWESTERN, TOTAL	246,000	336,000	582,000	2,612,000	3,194,000
Bradford	131,700	739,000	870,700	1,318,000	2,188,700
Cameron	400	3,000	3,400	4,000	7,400
Clinton	9,800	22,000	31,800	91,000	122,800
Elk	59,600	40,000	99,600	621,000	720,600
Lycoming	39,200	213,000	252,200	373,000	625,200
McKean	9,200	269,000	278,200	98,000	376,200
Potter	69,600	213,000	282,600	724,000	1,006,600
Sullivan	6,800	810,000	816,800	69,000	885,800
Tioga	111,200	1,580,000	1,691,200	1,161,000	2,852,200
NORTH CENTRAL, TOTAL	437,500	3,889,000	4,326,500	4,459,000	8,785,500
Lackawanna	86,700	123,000	209,700	833,000	1,042,700
Susquehanna	343,900	134,000	477,900	3,303,000	3,780,900
Wayne	260,800	321,000	581,800	2,661,000	3,242,800
Wyoming	65,600	208,000	273,600	656,000	929,600
NORTHEASTERN, TOTAL	757,000	786,000	1,543,000	7,453,000	8,996,000
Armstrong	32,100	38,000	70,100	333,000	403,100
Beaver	27,300	6,000	33,300	268,000	301,300
Butler	156,600	59,000	215,600	1,597,000	1,812,600
Clarion	57,600	3,000	60,600	576,000	636,600
Indiana	247,100	222,000	469,100	2,255,000	2,724,100
Jefferson	50,200	73,000	123,200	502,000	625,200
Lawrence	96,300	40,000	136,300	962,000	1,098,300
WEST CENTRAL, TOTAL	667,200	441,000	1,108,200	6,493,000	7,601,200
Blair	167,000	387,000	554,000	1,005,000	1,559,000
Cambria	82,400	5,081,000	5,163,400	841,000	6,004,400
Centre	34,600	17,000	51,600	346,000	397,600
Clearfield	76,400	23,000	99,400	745,000	844,400
Columbia	189,200	2,263,000	2,452,200	1,799,000	4,251,200
Dauphin	367,100	3,567,000	3,934,100	3,746,000	7,680,100
Huntingdon	59,600	286,000	345,600	609,000	954,600
Juniata	160,300	3,155,000	3,315,300	1,600,000	4,915,300
Mifflin	137,100	3,810,000	3,947,100	1,372,000	5,319,100
Montour	60,000	892,000	952,000	593,000	1,545,000
Northumberland	336,700	3,584,000	3,920,700	3,402,000	7,322,700
Perry	844,700	856,000	1,700,700	1,978,000	3,678,700
Snyder	253,000	5,306,000	5,559,000	2,582,000	8,141,000
Union	2,005,200	2,122,000	4,127,200	2,005,000	6,132,200
CENTRAL, TOTAL	4,773,300	31,349,000	36,122,300	22,623,000	58,745,300
Carbon	46,200	6,000	52,200	462,000	514,200
Lehigh	6,564,600	14,000	6,578,600	2,884,000	9,462,600
Luzerne	73,900	99,000	172,900	769,000	941,900
Monroe	1,106,100	3,000	1,109,100	301,000	1,410,100
Northampton	147,900	176,000	323,900	1,510,000	1,833,900
Pike	25,800	59,000	84,800	278,000	362,800
Schuylkill	1,896,300	2,204,000	4,100,300	4,948,000	9,048,300
EAST CENTRAL, TOTAL	9,860,800	2,561,000	12,421,800	11,152,000	23,573,800
Allegheny	98,600	239,000	337,600	908,000	1,245,600
Fayette	91,300	3,000	94,300	895,000	989,300
Greene	20,300	6,000	26,300	195,000	221,300
Somerset	146,900	85,000	231,900	1,382,000	1,613,900
Washington	89,700	12,000	101,700	808,000	909,700
Westmoreland	546,800	9,000	555,800	1,465,000	2,020,800
SOUTHWESTERN, TOTAL	993,600	354,000	1,347,600	5,653,000	7,000,600
Adams	2,128,900	5,797,000	7,925,900	6,336,000	14,261,900
Bedford	61,000	541,000	602,000	549,000	1,151,000
Cumberland	532,300	748,000	1,280,300	1,467,000	2,747,300
Franklin	263,500	1,079,000	1,342,500	2,439,000	3,781,500
Fulton	60,900	293,000	353,900	548,000	901,900
York	10,204,400	7,554,000	17,758,400	6,608,000	24,366,400
SOUTH CENTRAL, TOTAL	13,251,000	16,012,000	29,263,000	17,947,000	47,210,000
Berks	333,100	4,970,000	5,303,100	3,332,000	8,635,100
Bucks	464,100	120,000	584,100	4,279,000	4,863,100
Chester	218,800	2,193,000	2,411,800	2,101,000	4,512,800
Delaware	9,500	3,000	12,500	94,000	106,500
Lancaster	7,867,700	40,928,000	48,795,700	43,937,000	92,732,700
Lebanon	273,700	4,213,000	4,486,700	2,793,000	7,279,700
Montgomery	3,057,100	278,000	3,335,100	2,983,000	6,318,100
Philadelphia	600	3,000	3,600	6,000	9,600
SOUTHEASTERN, TOTAL	12,224,600	52,708,000	64,932,600	59,525,000	124,457,600
PENNSYLVANIA	43,211,000	108,436,000	151,647,000	137,917,000	289,564,000

TURKEYS — 1978

By William J. Sedlak

During 1978 Pennsylvania's turkey growers raised 3,450,000 turkeys, down 3 percent from 1977. Total liveweight was 62,100,000 pounds, down 8 percent from a year ago. Average liveweight per bird for 1978 was 18 pounds, and the average price received was 47.4 cents per pound giving a gross income of $29,435,000, up 8 percent from 1977.

The number of breeder hens on hand in Pennsylvania on December 1, 1978 totaled 48,000, almost three times the 17,000 breeder hens on hand the previous year. The average value per breeder hen during 1978 was $15.50 giving the total breeder hen flock in Pennsylvania a value of $744,000 compared with $213,000 during 1977.

During 1978, 1,876,000 poults were hatched in Pennsylvania, a 28 percent decrease from 1977. In the North Atlantic Region of the United States, death loss of young turkeys as compared to the total number bought and home hatched was 7 percent, up 1 percent from the previous year.

PENNSYLVANIA: TURKEYS - PRODUCTION, DISPOSITION, PRICE AND INCOME, 1960-1978

Year	Number Raised			Lost	Produced	Average Live-Weight	Pounds Produced	Price Per Pound	Value Of Production
	Heavy Breeds	Light Breeds	Total						
	Thousand					Pounds	Thousand	Cents	Thous. Dols.
1960	1,376	229	1,605	2	1,603	18.8	30,136	30.8	9,282
1965	1,485	265	1,750	2	1,748	19.0	33,218	26.5	8,803
1968	1,342	269	1,611	2	1,609	19.9	31,980	24.1	7,707
1969	1,678	250	1,928	3	1,925	20.1	38,705	25.3	9,792
1970	1,913	353	1/ 2,266	-	2,266	19.6	44,414	25.4	11,274
1971	2,296	459	1/ 2,755	-	2,755	19.3	53,172	25.0	13,293
1972	2,524	402	1/ 2,926	-	2,926	19.6	57,350	25.2	14,452
1973	2,336	496	1/ 2,832	-	2,832	19.0	53,808	36.0	19,371
1974	2,406	545	1/ 2,951	-	2,951	19.0	56,069	33.5	18,783
1975	2,313	525	1/ 2,838	-	2,838	19.0	53,922	37.3	20,113
1976	2,969	726	1/ 3,695	-	3,695	19.0	70,205	38.0	26,678
1977	2,979	588	1/ 3,567	-	3,567	19.0	67,773	40.2	27,245
1978	3,280	170	1/ 3450	-	3,450	18.0	62,100	47.4	29,435

1/ Excludes young turkeys lost. For years, 1960-1969 young turkeys lost were included.

PENNSYLVANIA: TURKEY POULTS HATCHED - 1960-1978

Year	Heavy Breeds	Light Breeds	Total
		Thousands	
1960	1,218	218	1,436
1965	1,152	236	1,377
1968	1,226	300	1,526
1969	1,387	201	1,588
1970	1,339	294	1,633
1971	1,521	309	1,830
1972	1,975	327	2,302
1973	1,837	333	2,170
1974	2,010	244	2,254
1975	1,980	364	2,344
1976	1,859	397	2,256
1977	2,234	364	2,598
1978	1,859	17	1,876

HONEY PRODUCTION — 1978

By William J. Sedlak

Pennsylvania honey production during 1978 totaled 2,418,000 pounds, down 16 percent from 1977. The yield per colony during 1978 averaged 31 pounds, about the same as the previous year. Beeswax production for 1978 totaled 47,000 pounds compared with 46,000 pounds in 1977, and honey stocks on hand for sale in mid-December totaled 725,000 pounds compared with 865,000 pounds the previous year.

Sales of all honey in Pennsylvania during 1978 indicated that an average price of 65.3 cents per pound was received, slightly down from the 65.6 cents per pound received during 1977.

The price of all extracted honey sold wholesale in 1978 averaged 54 cents per pound compared with 56 cents per pound in 1977. The price of extracted, processed, packaged honey sold retail during 1978 averaged 88 cents per pound, an increase of 2 cents per pound over 1977. The average price per pound for all chunk and comb honey sold during 1978 was 86 cents and 1.11 dollars respectively. The price of beeswax in Pennsylvania during 1978 averaged 1.72 dollars per pound compared with 1.58 dollars per pound the previous year.

PENNSYLVANIA: HONEY AND BEESWAX, PRODUCTION AND VALUE, 1962-1978

Year	Honey						Beeswax		
	Colonies Of Bees	Yield Per Colony	Production	Price Per Pound	Total Value	Stocks On Hand 1/	Production	Price Per Pound	Total Value
	Thous.	Lbs.	Thous. Lbs.	Dols.	Thous. Dols.	Thous. Lbs.	Thous. Lbs.	Dols.	Thous. Dols.
1962	129	38	4,902	.208	1,020	1,569	118	.490	58
1963	124	39	4,836	.218	1,054	1,257	111	.490	54
1964	124	42	5,208	.215	1,120	1,771	94	.500	47
1965	119	30	3,570	.220	785	1,071	86	.490	42
1966	117	32	3,744	.224	839	1,198	94	.490	46
1967	113	29	3,277	.202	662	950	59	.570	34
1968	110	28	3,080	.212	653	1,016	71	.590	42
1969	108	31	3,348	.216	723	1,440	74	.630	47
1970	96	39	3,744	.202	756	1,385	67	.570	38
1971	89	40	3,560	.252	897	1,566	64	.630	40
1972	92	41	3,772	.338	1,275	981	72	.690	50
1973	95	40	3,800	.443	1,683	1,330	61	.790	48
1974	100	21	2,100	.594	1,247	735	40	1.050	42
1975	86	25	2,150	.589	1,266	645	43	.980	42
1976	93	31	2,883	.615	1,773	923	46	1.050	48
1977	93	31	2,883	.656	1,891	865	46	1.580	73
1978	78	31	2,418	.653	1,579	725	47	1.720	81

1/ Stocks On Hand December 15 for sale.

PENNSYLVANIA: HONEY AND BEESWAX, AVERAGE PRICE PER POUND, 1972-1978

	1972	1973	1974	1975	1976	1977	1978
	Dollars Per Pound						
Honey, All Sales	.338	.443	.594	.589	.615	.656	.653
Honey, Wholesale:							
Package	.340	.510	.590	.650	.700	.760	.710
Total Bulk Plus Packaged	.300	.400	.560	.540	.520	.560	.540
Honey, Retail:							
Comb	.520	.660	.770	.880	.960	1.020	1.110
Extracted	.470	.640	.710	.770	.810	.860	.880
Chunk	.530	.640	.730	.830	.930	.910	.860
Beeswax	.690	.790	1.050	.980	1.050	1.580	1.720

PENNSYLVANIA CROP PRODUCTION — 1978

By Glen F. Smith

Small Grain Acreage And Production Decline: Small grain acreage harvested in Pennsylvania in 1978 at 726,000 acres was 4 percent below a year earlier. Total production for the four small grains of 32,492,000 bushels was a 5 percent drop. **Winter wheat** acres harvested 245,000 and production at 8,085,000 were both 9 percent below 1977. The yield was unchanged at 33 bushels per acre. Oats acres harvested and production, at 340,000 acres and 18,020,000 bushels respectively, each represent a 3 percent reduction. At 53 bushels per acre, the yield of oats is also unchanged from the previous year. **Barley** acres harvested were 125,000, the same as in 1977. However, yield dropped 3 bushels to 47 resulting in a 6 percent production decline to 5,875,000 bushels. **Rye** acres harvested rose one-third to 16,000 and yield rose one bushel to 32 bushels per acre. The resultant production of 512,000 bushels was a dramatic 38 percent increase from 1977.

Corn Records Broken Third Consecutive Year: For the third straight year the Commonwealth's corn for grain crop set new records. Acres harvested at 1,190,000 was the highest since 1921. The yield of 95 bushels per acre is 3 bushels above the record set in 1977. The resultant production of 113.1 million bushels is 6 percent above the record set last year. Corn silage acres harvested fell 30,000 from last year to 410,000 acres. Yield equalled the record of 15.5 tons per acre set in both 1967 and 1970. The production of 6.4 million tons was 4 percent below the record set last year.

Hay Production And Quality Increase: The 1978 hay crop exceeded 1977 in both quantity and quality. All hay production rose 11 percent to 4.3 million tons. All hay yield increased 0.20 tons to 2.23 tons per acre with alfalfa yield equal to the record 2.80 tons set in 1970. Acres harvested rose 1 percent to 1,935,000 acres. Throughout most of the season the quality of hay made was rated higher than for comparable weeks a year earlier. Alfalfa and alfalfa mixture accounted for 54 percent of the year's production.

Soybean Yield Improves, Acreage Reduced: Soybean yield increased one-half bushel over 1977 to 31.5 bushels per acre in 1978. This has been exceeded only by the record yield of 32 bushels set in 1970. Acres harvested were off 7 percent to 62,000 acres. The resultant production of 1,953,000 bushels was 6 percent below the record crop of the previous year.

Potato Production Lowest In Century: Pennsylvania's 1978 fall potato production at 6,250,000 cwt. is the lowest since 1876. Acres harvested fell 500 from last year to a record low 25,000 while yield is unchanged at 250 cwt. per acre.

Potato Acreage Record Low: Pennsylvania potato production totaled 6,250,000 cwt. in 1978, two percent below a year earlier. Yield was unchanged at 250 cwt. while planted acreage fell 2,000 to 26,000 acres. The significiant drop was harvested acres, off 500 acres to a record low of 25,000 acres. This broke the low of 25,500 set in 1977.

As of October 1, sixty-three percent of reporters rated moisture conditions as satisfactory and sixty-eight percent rated tuber size as average. The average date reported for the beginning of harvest was September 9. By November 1 three-fourths of the reporters indicated tuber size as average and 23 percent rated it as large. The average ending date of harvest was reported as October 1 with 98 percent reporting complete by November 1.

Vegetable Production Down Second Year In A Row: The production of processed and fresh market vegetables declined 11 percent from 1977, making a total decline of 21 percent from 1976. A 26 percent reduction in processed vegetables accounted for the majority of the 1978 decline. Fresh market production declined only 4 percent. In spite of the drop in production, increased prices for vegetables raised the value of the crop by 10 percent. The value of the fresh market vegetables was up 38 percent from 1977, while the value of processed vegetables declined 23 percent. Acres planted for vegetables declined 10 percent from last year. Harvested acres declined 6 percent showing less abandonment this year than in 1977.

Fruit Production Down Slightly: Unlike the previous two years, the 1978 spring arrived late as April was characterized by rain and cool temperatures. As of May 1, temperatures averaged below normal every week but two since January 1. At mid-April 1977, weather stations in the south central fruit producing areas were reporting weekly average temperatures of 60 degrees or more with highs in the upper 80's. In 1978 these weather conditions did not occur until after May 15. Despite the late arrival of spring weather, frost and poor-fair pollination conditions reduced the potential production of tree fruits. Pennsylvania received excessive moisture in June while July and August were favorable for fruit development. September weather was good for fruit maturing but precipitation was spotty and scattered. Harvest for most fruit growers ran 10 days to 2 weeks later than normal with fruit quality generally reported good to excellent.

Total 1978 production of the six major Pennsylvania fruit crops (apples, peaches, pears, sweet and tart cherries and grapes) was 307,150 tons, down 2 percent from the 314,150 ton production in 1977. Apple, peach and pear production decreased from 1977 levels while sweet and tart cherries and grape production nearly doubled the 1977 crops.

Revisions: Included in this publication is county data for those 1975 and 1976 crops which have been revised. For crops not repeated the estimates found in the appropriate year's Annual Summary are still correct. Available upon request are separate publications carrying data for 1959-1974 on corn, oats, wheat and barley. This data is being published to allow year-to-year analysis of a data series at the sub-state level. We have re-calculated acres harvested, yield and production where needed, but will not re-calculate value of production nor cash receipts.

PENNSYLVANIA: SUMMARY OF PRINCIPAL CROPS HARVESTED IN 1978

Crop	Acres Harvested	Production 1/			Value 2/	
		Unit	Per Acre	Total	Per Unit	Total
				Thous.		Thous. Dols.
Wheat	245,000	Bu.	33	8,085	3.30	26,681
Rye	16,000	Bu.	32	512	2.50	1,280
Oats	340,000	Bu.	53	18,020	1.45	26,129
Barley	125,000	Bu.	47	5,875	1.80	10,575
Soybeans	62,000	Bu.	31.5	1,953	6.20	12,109
Corn, For Grain	1,190,000	Bu.	95	113,050	2.25	254,363
Corn, For Silage	410,000	Ton	15.5	6,355	20.45	129,960
Hay, All	1,935,000	Ton	2.23	4,323	63.00	272,349
Alfalfa	840,000	Ton	2.80	2,352	-	-
Other	1,095,000	Ton	1.80	1,971	-	-
Red Clover Seed	12,000	Lb.	75	900	.700	630
Potatoes	25,000	Cwt.	250	6,250	4.70	29,375
Tobacco-Type 41	13,000	Lb.	1,940	25,220	.62	15,637
Maple Syrup	-	Gal.	-	42	13.00	546
Mushrooms 3/	-	Lb.	-	220,058	.723	159,058
Strawberries	900	Cwt.	31	28	65.70	1,840
Fresh Vegetables:						
Snap Beans, Summer	700	Cwt.	53	37	23.20	858
Cabbage, Summer	1,600	Cwt.	210	336	7.57	2,543
Sweet Corn, Summer	11,800	Cwt.	49	578	9.11	5,266
Tomatoes, Summer	2,100	Cwt.	140	294	20.70	6,086
Cabbage, Fall	1,100	Cwt.	220	242	6.59	1,595
Processing Vegetables:						
Snap Beans	4,800	Ton	2.29	11.000	157.00	1,722
Sweet Corn	4,400	Ton	3.84	16.900	42.80	723
Tomatoes	3,900	Ton	19.51	76.100	64.00	4,870
Pears	-	Ton	-	3.3	286.00	944
Cherries, Sweet	-	Ton	-	.75	836.00	627
Grapes	-	Ton	-	57.5	232.00	13,340
				Million Pounds		
Apples	-	Lb.	-	400	.080	32,000
Peaches	-	Lb.	-	85	.158	13,430
Cherries, Tart	-	Lb.	-	6.2	.417	2,585
TOTAL: FIELD & VEG. CROPS	4,406,100		-	-	-	804,591
ALL CROPS			-	-	-	1,027,121

1/ Excludes some quantities of vegetables and fruit not harvested or not marketed because of economic conditions and excess cullage of fruit.
2/ Includes allowance for loans outstanding and purchases by government valued at average loan and purchase rates.
3/ Production year ending June 30.

PENNSYLVANIA: ACREAGE, YIELD, PRODUCTION, DISPOSITION AND VALUE OF GRAINS AND HAY, 1960-1978

Year	Acres Harvested	Production		Used On Farms Where Grown	Sold	Season Average Price Per Unit	Value Of Production
		Per Acre	Total				
	Thousand	Bushel	Thous. Bu.	Thous. Bu.	Thous. Bu.	$/Bu.	Thous. Dols.
			Winter Wheat				
1960	535	29.5	15,782	3,485	12,297	1.67	26,356
1965	408	35.0	14,280	4,499	9,781	1.35	19,278
1970	275	33.0	9,075	3,013	6,062	1.42	12,887
1971	261	36.0	9,396	3,284	6,112	1.48	13,906
1972	269	32.0	8,608	3,201	5,407	1.56	13,428
1973	264	28.0	7,392	1,825	5,567	3.19	23,580
1974	320	36.0	11,520	2,329	9,191	3.63	41,818
1975	317	32.0	10,144	2,211	7,933	2.99	30,331
1976	300	30.0	9,000	1,791	6,905	2.25	27,000
1977	270	33.0	8,910	2,005	6,905	2.40	21,384
1978	245	33.0	8,085	1,334	6,751	3.30	26,681
			Oats				
1960	653	42.5	27,752	24,422	3,330	.74	20,536
1965	521	47.0	24,487	20,324	4,163	.78	19,100
1970	395	57.0	22,515	17,337	5,178	.78	17,562
1971	385	54.0	20,790	16,424	4,366	.79	16,424
1972	362	48.0	17,376	13,727	3,649	.90	15,638
1973	375	49.0	18,375	14,332	4,043	1.34	24,623
1974	375	54.0	20,250	14,580	5,670	1.65	33,413
1975	375	53.0	19,875	14,906	4,969	1.53	30,409
1976	355	51.0	18,105	13,941	4,164	1.64	29,692
1977	350	53.0	18,550	14,283	4,267	1.47	27,269
1978	340	53.0	18,020	14,056	3,964	1.45	26,129
			Barley				
1960	168	45.0	7,560	5,594	1,966	.92	6,955
1965	144	51.0	7,344	5,361	1,983	.98	7,197
1970	172	50.0	8,600	6,278	2,322	.96	8,256
1971	167	54.0	9,018	6,403	2,615	1.03	9,289
1972	158	47.0	7,426	5,347	2,079	1.02	7,575
1973	130	44.0	5,720	3,432	2,288	1.65	9,438
1974	140	55.0	7,700	5,544	2,156	2.01	15,477
1975	130	50.0	6,500	4,290	2,210	1.73	11,245
1976	125	43.0	5,375	3,655	1,720	2.01	10,804
1977	125	50.0	6,250	4,312	1,938	1.93	12,063
1978	125	47.0	5,875	4,054	1,821	1.80	10,575
			Corn For Grain				
1960	923	67.0	61,841	38,341	23,500	1.22	75,446
1965	820	68.0	55,760	35,129	20,631	1.37	76,391
1970	914	89.0	81,346	49,621	31,725	1.51	122,832
1971	1,036	75.0	77,700	48,951	28,749	1.30	101,010
1972	900	72.0	64,800	39,528	25,272	1.80	116,640
1973	1,040	78.0	81,120	46,238	34,882	2.68	217,402
1974	1,100	81.0	89,100	53,460	35,640	3.07	273,537
1975	1,080	82.0	88,560	49,594	38,966	2.60	230,256
1976	1,150	90.0	103,500	61,065	42,435	2.37	245,295
1977	1,160	92.0	106,720	62,965	43,755	2.32	247,590
1978	1,190	95.0	113,050	66,699	46,351	2.45	276,973
			Corn For Silage				
		Tons	Thous. Tons			$/Ton	
1960	260	11.5	2,990			8.50	25,415
1965	387	11.0	4,257			10.00	42,570
1970	318	15.5	4,929			10.50	51,755
1971	411	14.0	5,754			10.50	60,417
1972	497	11.5	5,716			11.65	66,591
1973	432	14.0	6,048			12.80	77,414
1974	403	14.0	5,642			17.40	98,171
1975	444	14.0	6,216			18.50	114,996
1976	424	14.5	6,148			19.80	121,730
1977	440	15.0	6,600			21.40	141,240
1978	410	15.5	6,355			20.45	129,960
			All Hay				
		Tons		Thous. Tons			
1960	2,087	1.91	3,991	3,672	319	24.30	96,981
1965	2,074	1.71	3,554	3,145	409	33.70	119,770
1970	2,069	2.18	4,511	3,834	677	30.00	135,330
1971	2,033	2.14	4,351	3,698	653	31.00	134,881
1972	1,955	1.92	3,752	3,152	600	40.00	150,080
1973	1,912	2.26	4,323	3,610	713	40.50	175,082
1974	1,882	2.22	4,172	3,525	647	45.00	187,740
1975	1,900	2.25	4,266	3,626	640	53.00	226,098
1976	1,870	2.19	4,095	3,419	676	58.00	237,510
1977	1,915	2.03	3,889	3,267	622	75.00	291,675
1978	1,935	2.23	4,323	3,545	778	62.00	268,026

PENNSYLVANIA: FARM AND OFF-FARM GRAIN AND HAY STOCKS QUARTERLY, 1976-1979

Year And Quarter	On-Farms	Off-Farms 1/	Total All Positions
		Thousand Bushels	
		All Wheat	
1976: Jan. 1	2,536	4,332	6,868
Apr. 1	1,217	1,859	3,076
June 1	710	970	1,680
Oct. 1	2,610	5,750	8,360
1977: Jan. 1	1,530	4,636	6,166
Apr. 1	1,080	2,752	3,832
June 1	630	869	2,499
Oct. 1	2,495	6,283	8,778
1978: Jan. 1	2,049	5,384	7,433
Apr. 1	1,158	3,458	4,616
June 1	713	2,145	2,858
Oct. 1	2,264	5,094	7,358
1979: Jan. 1	1,374	3,414	4,788
		Oats	
1976: Jan. 1	12,323	790	13,113
Apr. 1	6,758	557	7,315
June 1	4,174	462	4,636
Oct. 1	13,870	1,311	15,181
1977: Jan. 1	10,501	849	11,350
Apr. 1	6,518	639	7,157
June 1	4,345	397	4,742
Oct. 1	13,727	1,299	15,026
1978: Jan. 1	10,759	808	11,567
Apr. 1	6,864	573	7,437
June 1	4,823	459	5,282
Oct. 1	13,695	1,347	15,042
1979: Jan. 1	11,172	1,019	12,191
		Barley	
1976: Jan. 1	2,600	483	3,083
Apr. 1	1,300	248	1,548
June 1	845	127	972
Oct. 1	2,741	438	3,179
1977: Jan. 1	2,204	234	2,438
Apr. 1	1,398	169	1,567
June 1	699	115	814
Oct. 1	2,938	599	3,537
1978: Jan. 1	2,063	438	2,501
Apr. 1	1,250	302	1,552
June 1	813	232	1,045
Oct. 1	2,996	624	3,620
1979: Jan. 1	2,350	521	2,871
		Corn	
1976: Jan. 1	63,763	5,953	69,716
Apr. 1	40,738	4,672	45,410
June 1	26,568	3,089	29,657
Oct. 1	6,199	2,134	8,333
1977: Jan. 1	71,415	5,347	76,762
Apr. 1	48,645	5,336	53,981
June 1	36,225	4,881	41,106
Oct. 1	11,385	2,703	14,088
1978: Jan. 1	68,301	6,046	74,347
Apr. 1	50,158	5,498	55,656
June 1	39,486	3,026	42,512
Oct. 1	11,739	2,307	14,046
1979: Jan. 1	79,135	6,316	85,451
		Thousand Tons	
		Hay	
1976: Jan. 1	2,645	-	2,645
May 1	896	-	896
1977: Jan. 1	2,457	-	2,457
May 1	655	-	655
1978: Jan. 1	2,178	-	2,178
May 1	583	-	583
1979: Jan. 1	2,767	-	2,767

1/ Includes stocks at mills, elevators, warehouses, terminals, processors and CCC-owned grain at bin sites.

PENNSYLVANIA: CORN HARVESTED FOR GRAIN - ACREAGE, YIELD, PRODUCTION AND VALUE - 1978

County & District	Acreage Harvested	Yield	Production	Value Of Production
	Acres	Bushels	Bushels (000)	Dollars (000)
Crawford	22,600	94.7	2,141	4,817
Erie	18,100	85.6	1,550	3,487
Forest	200	95.0	19	43
Mercer	26,300	92.7	2,438	5,485
Venango	3,900	95.6	373	839
Warren	900	96.7	87	196
NORTHWESTERN, TOTAL	72,000	91.8	6,608	14,867
Bradford	19,700	93.8	1,847	4,156
Cameron	100	90.0	9	20
Clinton	5,600	96.8	542	1,220
Elk	600	73.3	44	99
Lycoming	24,700	99.8	2,464	5,544
McKean	200	95.0	19	43
Potter	900	88.9	80	180
Sullivan	600	83.3	50	112
Tioga	10,600	92.7	983	2,212
NORTH CENTRAL, TOTAL	63,000	95.8	6,038	13,586
Lackawanna	1,500	85.3	128	288
Susquehanna	2,000	85.5	171	385
Wayne	2,900	86.6	251	565
Wyoming	2,600	95.8	249	560
NORTHEASTERN, TOTAL	9,000	88.8	799	1,798
Armstrong	11,300	94.8	1,071	2,410
Beaver	5,100	92.7	473	1,064
Butler	20,700	94.7	1,961	4,412
Clarion	7,200	95.7	689	1,550
Indiana	13,900	89.7	1,247	2,806
Jefferson	7,800	97.8	763	1,717
Lawrence	16,000	96.8	1,548	3,483
WEST CENTRAL, TOTAL	82,000	94.5	7,752	17,442
Blair	10,600	96.8	1,026	2,308
Cambria	8,700	87.7	763	1,717
Centre	26,800	97.8	2,620	5,895
Clearfield	5,800	85.7	497	1,118
Columbia	25,700	94.7	2,435	5,479
Dauphin	20,200	99.8	2,015	4,534
Huntingdon	13,100	96.7	1,267	2,851
Juniata	14,300	96.7	1,383	3,112
Mifflin	13,100	96.7	1,267	2,851
Montour	7,500	96.8	726	1,633
Northumberland	30,400	91.7	2,788	6,273
Perry	14,100	95.7	1,350	3,037
Snyder	23,900	88.7	2,120	4,770
Union	20,800	95.8	1,992	4,482
CENTRAL, TOTAL	235,000	94.7	22,249	50,060
Carbon	2,200	90.9	200	450
Lehigh	42,000	95.7	4,021	9,047
Luzerne	6,800	85.7	583	1,312
Monroe	3,200	83.8	268	603
Northampton	46,400	94.7	4,396	9,891
Pike	900	92.2	83	187
Schuylkill	15,500	88.7	1,375	3,094
EAST CENTRAL, TOTAL	117,000	93.4	10,926	24,584
Allegheny	1,800	95.6	172	387
Fayette	12,100	96.8	1,171	2,635
Greene	1,700	96.5	164	369
Somerset	17,300	96.8	1,674	3,767
Washington	9,600	97.8	939	2,113
Westmoreland	11,500	97.7	1,124	2,529
SOUTHWESTERN, TOTAL	54,000	97.1	5,244	11,800
Adams	38,700	84.7	3,276	7,371
Bedford	20,000	95.8	1,915	4,309
Cumberland	36,800	91.7	3,375	7,594
Franklin	51,900	94.7	4,917	11,063
Fulton	6,900	95.8	661	1,487
York	83,700	88.7	7,423	16,702
SOUTH CENTRAL, TOTAL	238,000	90.6	21,567	48,526
Berks	70,000	95.7	6,702	15,079
Bucks	28,300	94.7	2,681	6,032
Chester	49,600	101.8	5,049	11,360
Delaware	2,500	100.8	252	567
Lancaster	125,000	102.8	12,850	28,912
Lebanon	23,800	102.8	2,446	5,504
Montgomery	20,800	90.7	1,887	4,246
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	320,000	99.6	31,867	71,700
PENNSYLVANIA	1,190,000	95.0	113,050	254,363

PENNSYLVANIA: CORN HARVESTED FOR SILAGE - ACREAGE, YIELD, PRODUCTION AND VALUE - 1978

County & District	Acreage Harvested	Yield	Production	Value Of Production
	Acres	Tons	Tons	Dollars (000)
Crawford	10,200	14.2	144,800	2,961
Erie	6,150	12.6	77,600	1,587
Forest	100	14.0	1,400	29
Mercer	6,500	15.5	100,800	2,061
Venango	2,300	16.0	36,800	753
Warren	4,900	13.8	67,600	1,382
NORTHWESTERN, TOTAL	30,150	14.2	429,000	8,773
Bradford	22,250	13.9	309,300	6,325
Cameron	100	15.0	1,500	31
Clinton	1,200	16.0	19,200	393
Elk	300	14.7	4,400	90
Lycoming	2,500	15.2	38,000	777
McKean	1,100	12.9	14,200	290
Potter	1,900	14.8	27,500	562
Sullivan	2,300	14.0	32,300	661
Tioga	10,600	13.7	145,200	2,969
NORTH CENTRAL, TOTAL	42,250	14.0	591,600	12,098
Lackawanna	250	10.0	2,500	51
Susquehanna	15,100	14.5	219,000	4,479
Wayne	5,700	13.7	78,100	1,597
Wyoming	4,400	14.9	65,600	1,342
NORTHEASTERN, TOTAL	25,450	14.3	365,200	7,469
Armstrong	4,950	15.3	75,700	1,548
Beaver	700	15.6	10,900	223
Butler	6,100	14.6	89,100	1,822
Clarion	2,200	14.7	32,300	660
Indiana	4,550	14.9	68,000	1,391
Jefferson	4,000	13.3	53,000	1,084
Lawrence	6,400	15.5	99,200	2,029
WEST CENTRAL, TOTAL	28,900	14.8	428,200	8,757
Blair	6,650	16.0	106,400	2,176
Cambria	5,800	13.0	75,400	1,542
Centre	6,650	16.5	109,700	2,243
Clearfield	1,500	12.0	18,000	368
Columbia	1,500	12.7	19,000	389
Dauphin	5,300	14.5	77,000	1,574
Huntingdon	5,700	15.5	88,400	1,808
Juniata	6,400	15.5	99,200	2,029
Mifflin	8,600	14.5	124,700	2,550
Montour	1,800	14.7	26,500	542
Northumberland	2,400	17.0	40,800	834
Perry	5,000	14.6	73,000	1,493
Snyder	3,300	13.8	45,500	930
Union	3,400	16.0	54,400	1,112
CENTRAL, TOTAL	64,000	15.0	958,000	19,590
Carbon	600	14.0	8,400	172
Lehigh	1,200	12.1	14,500	297
Luzerne	1,700	13.0	22,100	452
Monroe	1,000	12.0	12,000	245
Northampton	2,500	16.5	41,200	843
Pike	200	15.0	3,000	61
Schuylkill	1,800	13.5	24,300	497
EAST CENTRAL, TOTAL	9,000	13.9	125,500	2,567
Allegheny	700	14.7	10,300	211
Fayette	3,200	13.4	43,000	879
Greene	1,750	15.7	27,500	562
Somerset	13,050	16.5	215,300	4,403
Washington	3,600	16.5	59,400	1,215
Westmoreland	4,950	15.9	78,500	1,605
SOUTHWESTERN, TOTAL	27,250	15.9	434,000	8,875
Adams	8,500	13.0	110,500	2,260
Bedford	7,700	15.5	119,400	2,442
Cumberland	13,500	16.5	222,700	4,554
Franklin	30,500	15.5	472,700	9,667
Fulton	2,500	12.3	30,800	630
York	12,800	15.5	198,400	4,057
SOUTH CENTRAL, TOTAL	75,500	15.3	1,154,500	23,610
Berks	19,000	17.0	323,000	6,605
Bucks	6,700	14.6	97,500	1,994
Chester	11,400	17.3	197,200	4,033
Delaware	1,500	18.0	27,000	552
Lancaster	54,900	18.0	988,300	20,211
Lebanon	10,000	18.0	180,000	3,681
Montgomery	4,000	14.0	56,000	1,145
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	107,500	17.4	1,869,000	38,221
PENNSYLVANIA	410,000	15.5	6,355,000	129,960

PENNSYLVANIA 1975-1976 REVISIONS: CORN HARVESTED FOR SILAGE - ACREAGE, YIELD, AND PRODUCTION

County & District	1975			1976		
	Acreage Harvested	Yield	Production	Acreage Harvested	Yield	Production
	Acres	Tons	Tons	Acres	Tons	Tons
Crawford	14,600	12.4	181,000	12,300	13.7	168,400
Erie	9,700	13.9	135,000	12,200	13.2	161,200
Forest	-	-	-	100	12.0	1,200
Mercer	7,400	14.5	107,000	7,000	14.2	99,100
Venango	1,700	15.3	26,000	2,500	12.3	30,700
Warren	5,500	12.9	71,000	4,800	13.2	63,400
NORTHWESTERN, TOTAL	38,900	13.4	520,000	38,900	13.5	524,000
Bradford	22,900	12.0	274,000	21,450	11.8	253,100
Cameron	0	-	-	50	14.0	700
Clinton	1,230	15.4	19,000	1,800	14.2	25,500
Elk	200	15.0	3,000	100	14.0	1,400
Lycoming	2,930	15.0	44,000	2,600	13.2	34,300
McKean	730	13.7	10,000	900	12.3	11,100
Potter	1,480	12.8	19,000	2,600	13.2	34,300
Sullivan	2,000	14.0	28,000	2,300	14.7	33,700
Tioga	11,130	11.9	133,000	13,200	11.8	155,900
NORTH CENTRAL, TOTAL	42,600	12.4	530,000	45,000	12.2	550,000
Lackawanna	980	14.3	14,000	1,100	12.7	14,000
Susquehanna	14,000	10.9	152,000	12,300	12.8	156,900
Wayne	6,020	10.0	60,000	4,800	13.3	63,600
Wyoming	3,200	12.2	39,000	3,900	13.7	53,500
NORTHEASTERN, TOTAL	24,200	11.0	265,000	22,100	13.0	288,000
Armstrong	5,230	10.9	57,000	2,800	13.7	38,300
Beaver	1,300	12.3	16,000	1,500	13.7	20,500
Butler	6,800	14.3	97,000	7,800	15.1	117,500
Clarion	2,440	12.7	31,000	2,900	14.6	42,400
Indiana	6,210	11.0	68,000	3,700	13.7	50,600
Jefferson	4,150	11.6	48,000	5,500	14.6	80,400
Lawrence	5,670	12.9	73,000	4,900	14.1	69,300
WEST CENTRAL, TOTAL	31,800	12.3	390,000	29,100	14.4	419,000
Blair	5,400	14.6	79,000	5,300	14.8	78,500
Cambria	3,900	12.8	50,000	3,300	14.2	46,700
Centre	5,600	16.3	91,000	7,600	14.9	113,300
Clearfield	2,170	10.6	23,000	1,800	12.5	22,500
Columbia	1,500	12.0	18,000	2,100	14.6	30,700
Dauphin	7,640	12.7	97,000	4,400	14.6	64,400
Huntingdon	5,000	14.8	74,000	5,800	15.6	90,400
Juniata	5,500	12.7	70,000	3,800	14.5	55,500
Mifflin	10,200	15.7	160,000	7,200	16.3	117,400
Montour	800	13.8	11,000	1,300	14.6	19,000
Northumberland	2,390	15.1	36,000	3,300	14.6	48,300
Perry	4,900	13.7	67,000	4,800	13.9	66,500
Snyder	2,600	12.3	32,000	2,800	11.3	31,500
Union	3,400	15.3	52,000	3,800	15.1	57,300
CENTRAL, TOTAL	61,000	14.1	860,000	57,300	14.7	842,000
Carbon	680	10.3	7,000	600	13.3	8,000
Lehigh	300	13.3	4,000	1,500	14.7	22,000
Luzerne	1,680	13.1	22,000	1,100	11.7	12,900
Monroe	1,190	8.4	10,000	-	-	-
Northampton	4,000	14.0	56,000	2,300	12.8	29,400
Pike	1,050	14.3	15,000	200	11.0	2,200
Schuylkill	100	10.0	1,000	1,100	14.1	15,500
EAST CENTRAL, TOTAL	9,000	12.8	115,000	6,800	13.2	90,000
Allegheny	300	13.3	4,000	300	14.0	4,200
Fayette	2,690	13.0	35,000	2,400	14.2	34,000
Greene	1,420	14.1	20,000	1,560	14.4	22,500
Somerset	12,440	12.0	149,000	15,440	12.6	194,500
Washington	3,100	11.3	35,000	5,100	14.6	74,700
Westmoreland	8,550	10.5	90,000	6,100	14.0	85,100
SOUTHWESTERN, TOTAL	28,500	11.7	333,000	30,900	13.4	415,000
Adams	14,370	11.8	169,000	9,200	11.8	108,500
Bedford	7,480	12.3	92,000	11,600	13.9	161,300
Cumberland	11,350	13.8	157,000	11,800	15.0	176,700
Franklin	31,000	14.8	459,000	31,500	14.9	468,200
Fulton	3,200	15.0	48,000	3,300	15.1	49,900
York	13,600	14.3	195,000	13,600	13.5	183,400
SOUTH CENTRAL, TOTAL	81,000	13.8	1,120,000	81,000	14.2	1,148,000
Berks	22,920	15.9	364,000	17,800	16.0	285,500
Bucks	8,700	10.0	87,000	11,300	11.6	130,800
Chester	15,990	16.3	260,000	12,700	17.0	215,600
Delaware	1,400	15.0	21,000	1,700	17.4	29,600
Lancaster	61,620	17.9	1,106,000	56,200	17.7	993,500
Lebanon	11,520	16.3	188,000	10,400	17.5	181,500
Montgomery	4,760	11.8	56,000	2,700	12.7	34,400
Philadelphia	90	11.1	1,000	100	11.0	1,100
SOUTHEASTERN, TOTAL	127,000	16.4	2,083,000	112,900	16.6	1,872,000
PENNSYLVANIA	444,000	14.0	6,216,000	424,000	14.5	6,148,000

PENNSYLVANIA: ALFALFA AND OTHER HAY - ACREAGE, YIELD AND PRODUCTION - 1978

County & District	Alfalfa Hay			Other Hay		
	Acreage Harvested	Yield	Production	Acreage Harvested	Yield	Production
	Acres	Tons	Tons	Acres	Tons	Tons
Crawford	11,000	3.00	33,000	29,000	2.07	60,000
Erie	9,500	3.00	28,500	28,000	1.84	51,500
Forest	700	2.00	1,400	600	2.00	1,200
Mercer	15,000	2.70	40,500	21,000	1.93	40,500
Venango	3,400	2.50	8,500	9,800	1.73	17,000
Warren	6,600	2.50	16,500	16,400	1.77	29,000
NORTHWESTERN, TOTAL	46,200	2.78	128,400	104,800	1.90	199,200
Bradford	26,000	2.38	62,000	69,000	1.70	117,000
Cameron	100	2.50	250	200	1.50	300
Clinton	7,500	2.53	19,000	6,000	1.33	8,000
Elk	1,000	3.00	3,000	2,000	2.00	4,000
Lycoming	14,000	2.50	35,000	15,500	1.74	27,000
McKean	5,000	2.40	12,000	6,000	1.20	7,200
Potter	6,000	1.90	11,400	8,700	1.67	14,500
Sullivan	2,400	1.81	4,350	7,600	1.38	10,500
Tioga	20,000	2.55	51,000	45,000	1.79	80,500
NORTH CENTRAL, TOTAL	82,000	2.41	198,000	160,000	1.68	269,000
Lackawanna	7,300	2.11	15,400	21,700	1.84	40,000
Susquehanna	15,000	2.60	39,000	44,000	1.89	83,000
Wayne	5,500	2.51	13,800	37,500	1.79	67,000
Wyoming	7,200	2.50	18,000	13,800	1.74	24,000
NORTHEASTERN, TOTAL	35,000	2.46	86,200	117,000	1.83	214,000
Armstrong	17,000	2.60	44,200	20,000	1.75	35,000
Beaver	9,500	2.71	25,700	8,500	1.88	16,000
Butler	22,500	2.70	60,700	21,500	2.19	47,000
Clarion	6,000	2.60	15,600	18,000	1.78	32,000
Indiana	18,500	2.54	47,000	21,500	1.81	39,000
Jefferson	9,000	2.30	20,700	12,000	1.67	20,000
Lawrence	9,000	3.20	28,800	9,000	2.00	18,000
WEST CENTRAL, TOTAL	91,500	2.65	242,700	110,500	1.87	207,000
Blair	7,500	3.00	22,500	4,500	1.78	8,000
Cambria	9,000	2.10	18,900	12,000	1.67	20,000
Centre	22,000	3.10	68,200	13,000	1.62	21,000
Clearfield	5,000	2.30	11,500	10,000	1.50	15,000
Columbia	11,000	3.10	34,100	17,000	1.88	32,000
Dauphin	13,000	3.20	41,600	15,000	2.00	30,000
Huntingdon	14,000	2.80	39,200	10,000	1.50	15,000
Juniata	10,500	2.70	28,300	9,500	1.89	18,000
Mifflin	9,700	2.80	27,200	6,300	1.90	12,000
Montour	2,500	2.28	5,700	7,500	1.87	14,000
Northumberland	4,000	2.50	10,000	15,000	1.83	27,500
Perry	11,000	3.10	34,100	10,000	2.05	20,500
Snyder	9,500	2.31	21,900	17,500	1.60	28,000
Union	6,300	2.79	17,600	5,700	1.40	8,000
CENTRAL, TOTAL	135,000	2.82	380,800	153,000	1.76	269,000
Carbon	2,000	2.80	5,600	1,600	1.56	2,500
Lehigh	11,000	3.00	33,000	7,000	1.57	11,000
Luzerne	6,000	2.00	12,000	11,700	1.50	17,500
Monroe	1,600	1.63	2,600	6,400	1.25	8,000
Northampton	15,000	2.90	43,500	1,000	1.90	1,900
Pike	200	2.50	500	500	1.80	900
Schuylkill	9,200	2.70	24,800	7,800	1.54	12,000
EAST CENTRAL, TOTAL	45,000	2.71	122,000	36,000	1.49	53,800
Allegheny	4,000	2.30	9,200	5,000	1.50	7,500
Fayette	20,000	2.20	44,000	25,500	2.16	55,000
Greene	12,000	2.80	33,600	46,500	1.70	79,000
Somerset	24,000	2.80	67,200	49,000	1.76	87,000
Washington	50,500	2.50	126,100	23,500	1.74	41,000
Westmoreland	26,500	2.60	68,900	28,500	1.67	47,500
SOUTHWESTERN, TOTAL	137,000	2.55	349,000	178,000	1.78	317,000
Adams	4,800	2.50	12,000	19,200	1.51	29,000
Bedford	26,500	2.80	74,200	15,500	1.61	25,000
Cumberland	21,200	2.70	57,200	25,800	1.74	45,000
Franklin	41,300	2.79	115,000	17,700	1.81	32,000
Fulton	10,800	2.32	25,000	13,200	1.52	20,000
York	13,400	2.61	35,000	30,600	1.96	60,000
SOUTH CENTRAL, TOTAL	118,000	2.70	318,400	122,000	1.73	211,000
Berks	49,000	3.50	171,500	26,000	1.62	42,000
Bucks	6,900	3.00	20,700	12,700	1.97	25,000
Chester	23,600	3.60	85,000	23,400	1.84	43,000
Delaware	600	2.50	1,500	500	2.00	1,000
Lancaster	49,600	3.60	178,500	34,400	2.44	84,000
Lebanon	17,100	3.39	58,000	9,200	2.28	21,000
Montgomery	3,500	3.23	11,300	7,500	2.00	15,000
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	150,300	3.50	526,500	113,700	2.03	231,000
PENNSYLVANIA	840,000	2.80	2,352,000	1,095,000	1.80	1,971,000

PENNSYLVANIA: ALL HAY - ACREAGE, YIELD, PRODUCTION AND VALUE - 1978

County & District	Acreage Harvested	Yield	Production	Value Of Production
	Acres	Tons	Tons	Dollars (000)
Crawford	40,000	2.33	93,000	5,673
Erie	37,500	2.13	80,000	4,880
Forest	1,300	2.00	2,600	159
Mercer	36,000	2.25	81,000	4,941
Venango	13,200	1.93	25,500	1,555
Warren	23,000	1.98	45,500	2,776
NORTHWESTERN, TOTAL	151,000	2.17	327,600	19,984
Bradford	95,000	1.88	179,000	8,055
Cameron	300	1.83	550	25
Clinton	13,500	2.00	27,000	1,215
Elk	3,000	2.33	7,000	315
Lycoming	29,500	2.10	62,000	2,790
McKean	11,000	1.75	19,200	864
Potter	14,700	1.76	25,900	1,165
Sullivan	10,000	1.49	14,850	668
Tioga	65,000	2.02	131,500	5,918
NORTH CENTRAL, TOTAL	242,000	1.93	467,000	21,015
Lackawanna	29,000	1.91	55,400	3,213
Susquehanna	59,000	2.07	122,000	7,076
Wayne	43,000	1.88	80,800	4,686
Wyoming	21,000	2.00	42,000	2,436
NORTHEASTERN, TOTAL	152,000	1.98	300,200	17,411
Armstrong	37,000	2.14	79,200	5,386
Beaver	18,000	2.32	41,700	2,836
Butler	44,000	2.45	107,700	7,324
Clarion	24,000	1.98	47,600	3,237
Indiana	40,000	2.15	86,000	5,848
Jefferson	21,000	1.94	40,700	2,767
Lawrence	18,000	2.60	46,800	3,182
WEST CENTRAL, TOTAL	202,000	2.23	449,700	30,580
Blair	12,000	2.54	30,500	1,800
Cambria	21,000	1.85	38,900	2,295
Centre	35,000	2.55	89,200	5,263
Clearfield	15,000	1.77	26,500	1,563
Columbia	28,000	2.36	66,100	3,900
Dauphin	28,000	2.56	71,600	4,224
Huntingdon	24,000	2.26	54,200	3,198
Juniata	20,000	2.32	46,300	2,732
Mifflin	16,000	2.45	39,200	2,313
Montour	10,000	1.97	19,700	1,162
Northumberland	19,000	1.97	37,500	2,213
Perry	21,000	2.60	54,600	3,221
Snyder	27,000	1.85	49,900	2,944
Union	12,000	2.13	25,600	1,510
CENTRAL, TOTAL	288,000	2.26	649,800	38,338
Carbon	3,600	2.25	8,100	575
Lehigh	18,000	2.44	44,000	3,124
Luzerne	17,700	1.67	29,500	2,095
Monroe	8,000	1.33	10,600	753
Northampton	16,000	2.84	45,400	3,223
Pike	700	2.00	1,400	99
Schuylkill	17,000	2.16	36,800	2,613
EAST CENTRAL, TOTAL	81,000	2.17	175,800	12,482
Allegheny	9,000	1.86	16,700	1,074
Fayette	45,500	2.18	99,000	6,367
Greene	58,500	1.92	112,600	7,241
Somerset	73,000	2.11	154,200	9,916
Washington	74,000	2.26	167,100	10,746
Westmoreland	55,000	2.12	116,400	7,486
SOUTHWESTERN, TOTAL	315,000	2.11	666,000	42,830
Adams	24,000	1.71	41,000	2,665
Bedford	42,000	2.36	99,200	6,448
Cumberland	47,000	2.17	102,200	6,643
Franklin	59,000	2.49	147,000	9,555
Fulton	24,000	1.88	45,000	2,925
York	44,000	2.16	95,000	6,175
SOUTH CENTRAL, TOTAL	240,000	2.21	529,400	34,411
Berks	75,000	2.85	213,500	15,585
Bucks	19,600	2.33	45,700	3,336
Chester	47,000	2.72	128,000	9,344
Delaware	1,100	2.27	2,500	183
Lancaster	84,000	3.13	262,500	19,163
Lebanon	26,300	3.00	79,000	5,767
Montgomery	11,000	2.39	26,300	1,920
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	264,000	2.87	757,500	55,298
PENNSYLVANIA	1,935,000	2.23	4,323,000	272,349

PENNSYLVANIA REVISIONS: HAY - ACREAGE, YIELD AND PRODUCTION - 1976

County & District	Alfalfa Hay			Other Hay			All Hay		
	Acreage Harvested	Yield	Production	Acreage Harvested	Yield	Production	Acreage Harvested	Yield	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Crawford	14,700	2.50	36,700	32,200	1.89	60,900	46,900	2.08	97,600
Erie	9,200	2.54	23,400	36,400	1.70	61,900	45,600	1.87	85,300
Forest	500	2.37	1,200	500	1.60	800	1,000	2.00	2,000
Mercer	13,900	2.86	39,800	21,900	1.79	39,200	35,800	2.21	79,000
Venango	3,300	2.55	8,400	9,900	1.61	15,900	13,200	1.84	24,300
Warren	5,400	2.68	14,500	15,100	1.41	21,300	20,500	1.75	35,800
NORTHWESTERN, TOTAL	47,000	2.64	124,000	116,000	1.72	200,000	163,000	1.99	324,000
Bradford	28,800	2.55	73,500	91,400	1.79	164,000	120,200	1.98	237,500
Cameron	100	2.00	200	200	1.50	300	300	1.67	500
Clinton	5,400	2.85	15,400	4,400	1.41	6,200	9,800	2.20	21,600
Elk	800	3.00	2,400	1,700	2.06	3,500	2,500	2.36	5,900
Lycoming	15,400	2.64	40,700	18,900	1.99	37,700	34,300	2.29	78,400
McKean	4,900	2.06	10,100	6,600	1.51	10,000	11,500	1.75	20,100
Potter	6,500	2.17	14,100	10,600	2.00	21,200	17,100	2.06	35,300
Sullivan	1,800	2.28	4,100	6,700	1.79	12,000	8,500	1.89	16,100
Tioga	18,300	2.27	41,500	37,500	1.60	60,100	55,800	1.82	101,600
NORTH CENTRAL, TOTAL	82,000	2.46	202,000	178,000	1.77	315,000	260,000	1.99	517,000
Lackawanna	4,100	2.49	10,200	19,200	1.86	35,800	23,300	1.97	46,000
Susquehanna	10,800	2.34	25,300	50,800	1.78	90,500	61,600	1.88	115,800
Wayne	7,400	2.24	16,600	45,600	1.79	81,400	53,000	1.85	98,000
Wyoming	8,700	2.63	22,900	10,400	2.14	22,300	19,100	2.37	45,200
NORTHEASTERN, TOTAL	31,000	2.42	75,000	126,000	1.83	230,000	157,000	1.94	305,000
Armstrong	14,900	2.57	38,400	19,200	1.60	30,800	34,100	2.03	69,200
Beaver	11,100	2.74	30,400	7,200	2.17	15,600	18,300	2.51	46,000
Butler	18,700	2.86	53,400	23,000	1.79	41,100	41,700	2.27	94,500
Clarion	9,600	2.77	26,600	18,600	1.78	33,100	28,200	2.12	59,700
Indiana	18,700	2.65	49,600	18,500	1.79	33,100	37,200	2.22	82,700
Jefferson	10,100	2.62	26,500	10,000	2.07	20,700	20,100	2.35	47,200
Lawrence	7,900	3.18	25,100	6,500	2.09	13,600	14,400	2.69	38,700
WEST CENTRAL, TOTAL	91,000	2.75	250,000	103,000	1.83	188,000	194,000	2.26	438,000
Blair	10,300	3.12	32,100	4,100	1.98	8,100	14,400	2.79	40,200
Cambria	8,600	2.09	18,000	13 200	1.78	23,500	21,800	1.90	41,500
Centre	20,400	2.83	57,800	10,400	1.68	17,500	30,800	2.44	75,300
Clearfield	6,900	2.83	19,500	7,400	1.41	10,400	14,300	2.09	29,900
Columbia	8,700	3.20	27,800	14,000	1.59	22,300	22,700	2.21	50,100
Dauphin	10,400	3.02	31,400	12,400	2.34	29,000	22,800	2.65	60,400
Huntingdon	12,200	2.64	32,200	7,900	1.78	14,100	20,100	2.30	46,300
Juniata	10,900	2.75	30,000	9,100	1.79	16,300	20,000	2.32	46,300
Mifflin	8,900	3.08	27,400	4,600	1.78	8,200	13,500	2.64	35,600
Montour	3,000	2.37	7,100	7,400	1.97	14,600	10,400	2.09	21,700
Northumberland	4,200	2.83	11,900	14,500	1.87	27,100	18,700	2.09	39,000
Perry	11,700	2.73	31,900	7,500	1.97	14,800	19,200	2.43	46,700
Snyder	8,100	2.83	22,900	13,600	1.77	24,100	21,700	2.17	47,000
Union	5,700	2.63	15,000	3,900	1.79	7,000	9,600	2.29	22,000
CENTRAL, TOTAL	130,000	2.81	365,000	130,000	1.82	237,000	260,000	2.32	602,000
Carbon	1,800	2.44	4,400	700	1.71	1,200	2,500	2.24	5,600
Lehigh	12,100	2.82	34,000	6,400	2.19	14,000	18,500	2.59	48,000
Luzerne	5,600	2.26	12,700	11,800	1.72	20,300	17,400	1.90	33,000
Monroe	1,500	2.47	3,700	5,100	1.88	9,600	6,600	2.01	13,300
Northampton	17,700	2.82	49,900	300	1.67	500	18,000	2.80	50,400
Pike	200	2.44	500	600	1.83	1,100	800	2.00	1,600
Schuylkill	9,100	2.50	22,800	8,100	1.64	13,300	17,200	2.10	36,100
EAST CENTRAL, TOTAL	48,000	2.67	128,000	33,000	1.82	60,000	81,000	2.32	188,000
Allegheny	4,700	2.11	9,900	4,800	1.42	6,800	9,500	1.76	16,700
Fayette	19,000	2.35	44,700	23,600	1.71	40,400	42,600	2.00	85,100
Greene	17,700	1.90	33,600	38,600	1.61	62,000	56,300	1.70	95,600
Somerset	22,100	2.36	52,200	43,700	1.98	86,700	65,800	2.11	138,900
Washington	41,800	2.28	95,300	23,600	1.89	44,600	65,400	2.14	139,900
Westmoreland	30,700	2.65	81,300	24,700	1.60	39,500	55,400	2.18	120,800
SOUTHWESTERN, TOTAL	136,000	2.33	317,000	159,000	1.76	280,000	295,000	2.02	597,000
Adams	4,400	2.36	10,400	17,100	1.69	28,900	21,500	1.83	39,300
Bedford	24,300	2.46	59,800	14,300	1.70	24,300	38,600	2.18	84,100
Cumberland	20,100	3.11	62,600	22,700	1.88	42,700	42,800	2.46	105,300
Franklin	36,000	2.84	102,100	18,200	1.79	32,600	54,200	2.49	134,700
Fulton	8,400	2.75	23,100	14,300	1.70	24,300	22,700	2.09	47,400
York	15,800	2.85	45,000	29,400	1.88	55,200	45,200	2.22	100,200
SOUTH CENTRAL, TOTAL	109,000	2.78	303,000	116,000	1.79	208,000	225,000	2.27	511,000
Berks	40,600	3.13	127,200	24,200	1.98	48,000	64,800	2.70	175,200
Bucks	5,900	2.80	16,500	11,100	1.60	17,800	17,000	2.01	34,300
Chester	22,500	3.11	70,000	16,900	1.79	30,300	39,400	2.55	100,300
Delaware	500	2.60	1,300	500	1.60	800	1,000	2.10	2,100
Lancaster	46,500	3.23	150,000	30,300	2.07	62,800	76,800	2.77	212,800
Lebanon	15,100	2.93	44,200	9,900	2.07	20,500	25,000	2.59	64,700
Montgomery	4,800	2.81	13,500	6,000	1.60	9,600	10,800	2.14	23,100
Philadelphia	100	3.00	300	100	2.00	200	200	2.50	500
SOUTHEASTERN, TOTAL	136,000	3.11	423,000	99,000	1.92	190,000	235,000	2.61	613,000
PENNSYLVANIA	810,000	2.70	2,187,000	1,060,000	1.80	1,908,000	1,870,000	2.19	4,095,000

PENNSYLVANIA 1975 REVISIONS: ALL HAY, OTHER HAY, ACREAGE, YIELD AND PRODUCTION

County & District	All Hay			Other Hay		
	Acres Harvested	Yield	Production	Acres Harvested	Yield	Production
	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Crawford	47,000	1.97	92,700	34,200	1.87	64,000
Erie	46,000	2.03	93,400	35,700	1.97	70,300
Forest	1,000	2.00	2,000	400	2.00	800
Mercer	40,000	2.40	96,000	24,600	2.07	51,000
Venango	14,000	1.86	26,000	11,200	1.78	20,000
Warren	20,000	2.07	41,300	14,900	1.87	27,900
NORTHWESTERN, TOTAL	168,000	2.09	351,400	121,000	1.93	234,000
Bradford	120,000	1.94	232,600	84,000	1.77	148,600
Cameron	300	1.67	500	200	1.50	300
Clinton	11,000	2.24	24,600	4,200	1.90	8,000
Elk	2,300	1.91	4,400	1,500	1.60	2,400
Lycoming	36,000	2.16	77,600	20,300	1.86	37,800
McKean	11,000	1.94	21,300	5,600	1.66	9,300
Potter	17,000	2.03	34,600	9,600	1.96	18,800
Sullivan	8,400	1.85	15,500	6,400	1.75	11,200
Tioga	62,000	1.95	120,800	42,200	1.77	74,600
NORTH CENTRAL, TOTAL	268,000	1.98	531,900	174,000	1.79	311,000
Lackawanna	20,000	2.12	42,500	16,600	2.01	33,400
Susquehanna	62,000	1.92	119,200	48,500	1.82	88,400
Wayne	49,000	1.72	84,200	41,300	1.63	67,400
Wyoming	19,000	2.28	43,300	10,600	1.96	20,800
NORTHEASTERN, TOTAL	150,000	1.93	289,200	117,000	1.79	210,000
Armstrong	36,000	1.85	66,600	20,800	1.52	31,700
Beaver	16,000	2.53	40,500	6,500	2.29	14,900
Butler	38,000	2.30	87,500	20,700	1.98	40,900
Clarion	27,000	2.09	56,500	19,500	1.89	37,000
Indiana	37,000	2.09	77,500	19,400	2.00	38,900
Jefferson	22,000	2.10	46,200	9,900	1.98	19,600
Lawrence	16,000	2.42	38,700	7,200	2.08	15,000
WEST CENTRAL, TOTAL	192,000	2.15	413,500	104,000	1.90	198,000
Blair	14,000	2.52	35,300	4,000	1.38	5,500
Cambria	26,000	2.06	53,500	15,400	1.92	29,600
Centre	29,000	2.32	67,400	11,000	1.93	21,200
Clearfield	14,000	2.04	28,600	8,000	1.73	13,800
Columbia	26,000	2.42	63,000	16,900	2.01	34,000
Dauphin	24,000	2.52	60,500	13,400	2.00	26,800
Huntingdon	23,000	2.40	55,300	9,000	1.83	16,500
Juniata	20,000	2.70	53,900	9,000	2.10	18,900
Mifflin	15,000	2.89	43,400	5,100	2.14	10,900
Montour	11,000	1.97	21,700	7,300	1.82	13,300
Northumberland	21,000	2.20	46,100	15,000	1.93	28,900
Perry	22,000	2.59	57,000	9,900	2.00	19,800
Snyder	21,000	2.30	48,200	14,000	2.01	28,100
Union	11,000	2.28	25,100	5,000	1.94	9,700
CENTRAL, TOTAL	277,000	2.37	659,000	143,000	1.94	277,000
Carbon	3,400	2.18	7,400	1,900	2.05	3,900
Lehigh	19,300	2.60	50,100	6,900	1.72	11,900
Luzerne	19,500	1.71	33,300	13,800	1.43	19,800
Monroe	7,000	2.27	15,900	5,500	2.02	11,100
Northampton	18,500	3.15	58,200	500	2.00	1,000
Pike	800	1.88	1,500	600	1.67	1,000
Schuylkill	16,500	2.16	35,600	8,800	1.63	14,300
EAST CENTRAL, TOTAL	85,000	2.37	202,000	38,000	1.65	63,000
Allegheny	10,000	2.15	21,500	5,500	2.05	11,300
Fayette	44,000	2.08	91,600	20,000	1.97	39,400
Greene	45,000	2.17	97,600	30,000	2.07	62,000
Somerset	67,000	2.15	144,000	45,000	2.06	92,900
Washington	76,000	2.23	169,600	31,500	1.96	61,900
Westmoreland	58,000	1.98	114,700	28,000	1.77	49,500
SOUTHWESTERN, TOTAL	300,000	2.13	639,000	160,000	1.98	317,000
Adams	22,000	1.83	40,300	18,000	1.73	31,200
Bedford	42,000	2.33	97,800	18,000	1.73	31,200
Cumberland	41,000	2.63	108,000	21,000	1.93	40,700
Franklin	47,000	2.62	123,100	13,000	1.95	25,400
Fulton	24,000	2.28	54,800	16,000	1.74	27,900
York	44,000	2.39	105,000	30,000	2.02	60,600
SOUTH CENTRAL, TOTAL	220,000	2.40	529,000	116,000	1.87	217,000
Berks	60,000	2.98	178,500	19,000	2.16	41,000
Bucks	18,000	2.54	45,800	12,600	2.16	27,200
Chester	40,300	2.40	96,900	18,300	1.86	34,000
Delaware	1,000	2.40	2,400	500	2.00	1,000
Lancaster	80,000	2.79	222,900	34,000	2.15	73,200
Lebanon	28,500	2.70	76,900	14,500	2.26	32,700
Montgomery	12,000	2.26	27,100	8,000	1.96	15,700
Philadelphia	200	2.50	500	100	2.00	200
SOUTHEASTERN, TOTAL	240,000	2.71	651,000	107,000	2.10	225,000
PENNSYLVANIA	1,900,000	2.25	4,266,000	1,080,000	1.90	2,052,000

PENNSYLVANIA: WHEAT - ACREAGE, YIELD, PRODUCTION AND VALUE - 1978

County & District	Acreage Harvested	Yield	Production	Value Of Production
	Acres	Bushels	Bushels	Dollars
Crawford	2,500	30.0	75,000	247,500
Erie	2,400	28.0	67,200	221,800
Forest	*	*	*	*
Mercer	4,800	31.0	148,800	491,000
Venango	550	27.0	14,850	49,000
Warren	*	*	*	*
NORTHWESTERN, TOTAL	10,250	29.8	305,850	1,009,300
Bradford	700	32.0	22,400	73,900
Cameron	*	*	*	*
Clinton	1,500	29.0	43,500	143,700
Elk	*	*	*	*
Lycoming	4,200	28.0	117,600	388,100
McKean	*	*	*	*
Potter	350	28.0	9,800	32,300
Sullivan	*	*	*	*
Tioga	250	26.0	6,500	21,500
NORTH CENTRAL, TOTAL	7,000	28.5	199,800	659,500
Lackawanna	*	*	*	*
Susquehanna	*	*	*	*
Wayne	*	*	*	*
Wyoming	*	*	*	*
NORTHEASTERN, TOTAL	*	*	*	*
Armstrong	2,300	31.0	71,300	235,300
Beaver	1,100	36.0	39,600	130,700
Butler	4,400	33.0	145,200	479,200
Clarion	1,400	26.0	36,400	120,100
Indiana	1,600	28.0	44,800	147,800
Jefferson	1,000	29.0	29,000	95,700
Lawrence	3,200	31.0	99,200	327,400
WEST CENTRAL, TOTAL	15,000	31.0	465,500	1,536,200
Blair	1,800	35.0	63,000	207,900
Cambria	900	28.0	25,200	83,200
Centre	3,600	32.0	115,200	380,200
Clearfield	400	28.0	11,200	37,000
Columbia	4,300	30.0	129,000	425,700
Dauphin	6,600	31.0	204,600	675,200
Huntingdon	2,400	31.0	74,400	245,500
Juniata	5,200	26.0	135,200	446,200
Mifflin	3,000	32.0	96,000	316,800
Montour	3,100	29.0	89,900	296,700
Northumberland	7,900	29.0	229,100	756,000
Perry	6,500	29.0	188,500	622,000
Snyder	5,100	27.0	137,700	454,400
Union	4,600	32.0	147,200	485,800
CENTRAL, TOTAL	55,400	29.7	1,646,200	5,432,600
Carbon	750	26.0	19,500	64,400
Lehigh	11,500	34.0	391,000	1,290,300
Luzerne	2,100	29.0	60,900	201,000
Monroe	450	33.0	14,850	49,000
Northampton	9,100	38.0	345,800	1,141,100
Pike	-	-	-	-
Schuylkill	3,400	28.0	95,200	314,200
EAST CENTRAL, TOTAL	27,300	34.0	927,250	3,060,000
Allegheny	500	33.0	16,500	54,500
Fayette	900	32.0	28,800	95,000
Greene	200	30.0	6,000	19,800
Somerset	1,100	29.0	31,900	105,300
Washington	1,500	32.0	48,000	158,400
Westmoreland	3,400	35.0	119,000	392,700
SOUTHWESTERN, TOTAL	7,600	32.9	250,200	825,700
Adams	8,900	29.0	258,100	851,700
Bedford	3,500	31.0	108,500	358,000
Cumberland	9,700	35.0	339,500	1,120,400
Franklin	8,000	34.0	272,000	897,600
Fulton	2,900	25.0	72,500	239,200
York	30,300	35.0	1,060,500	3,499,700
SOUTH CENTRAL, TOTAL	63,300	33.4	2,111,100	6,966,600
Berks	13,500	33.0	445,500	1,470,200
Bucks	7,500	33.0	247,500	816,800
Chester	5,900	39.0	230,100	759,300
Delaware	200	34.0	6,800	22,400
Lancaster	22,500	40.0	900,000	2,970,000
Lebanon	4,500	39.0	175,500	579,100
Montgomery	4,500	35.0	157,500	519,800
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	58,600	36.9	2,162,900	7,137,600
OTHER COUNTIES	550	29.5	16,200	53,500
PENNSYLVANIA	245,000	33.0	8,085,000	26,681,000

* Acreage too small to estimate or combined to avoid disclosure of individual operations.

PENNSYLVANIA 1975-1976 REVISIONS: WHEAT - ACREAGE, YIELD, AND PRODUCTION

County & District	1975			1976		
	Acreage Harvested	Yield	Production	Acreage Harvested	Yield	Production
	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Crawford	4,100	32.8	134,300	3,350	31.2	104,500
Erie	3,600	36.1	129,900	2,950	32.9	97,100
Forest	70	35.7	2,500	70	34.3	2,400
Mercer	5,130	33.7	173,000	5,000	33.0	165,100
Venango	900	30.2	27,200	830	30.5	25,300
Warren	200	25.5	5,100	200	24.5	4,900
NORTHWESTERN, TOTAL	14,000	33.7	472,000	12,400	32.2	399,300
Bradford	950	29.6	28,120	800	24.8	19,800
Cameron	50	28.0	1,400	50	24.0	1,200
Clinton	2,000	35.0	70,000	1,400	27.9	39,000
Elk	50	39.0	1,950	50	26.0	1,300
Lycoming	5,400	29.9	161,260	5,300	24.2	128,200
McKean	70	40.0	2,800	70	27.1	1,900
Potter	550	30.3	16,670	450	26.0	11,700
Sullivan	90	23.3	2,100	80	26.3	2,100
Tioga	440	28.9	12,700	400	26.3	10,500
NORTH CENTRAL, TOTAL	9,600	30.9	297,000	8,600	25.1	215,700
Lackawanna	70	36.4	2,550	60	28.3	1,700
Susquehanna	210	31.9	6,700	130	30.8	4,000
Wayne	40	30.8	1,230	50	28.0	1,400
Wyoming	80	25.3	2,020	60	31.7	1,900
NORTHEASTERN, TOTAL	400	31.3	12,500	300	30.0	9,000
Armstrong	3,000	30.1	90,300	2,900	28.9	83,900
Beaver	1,400	33.6	47,040	1,200	32.4	38,900
Butler	5,100	34.6	176,700	5,200	29.9	155,600
Clarion	1,800	28.6	51,480	1,850	24.6	45,500
Indiana	2,000	32.1	64,200	1,750	25.7	44,900
Jefferson	1,500	29.0	43,500	1,400	24.4	34,200
Lawrence	4,100	32.8	134,480	3,700	29.7	110,000
WEST CENTRAL, TOTAL	18,900	32.2	607,700	18,000	28.5	513,000
Blair	2,600	37.0	96,200	2,350	32.5	76,300
Cambria	1,200	30.5	36,600	1,000	24.6	24,600
Centre	6,000	32.9	197,400	4,470	27.0	120,800
Clearfield	500	26.8	13,400	400	27.5	11,000
Columbia	7,300	31.1	227,030	5,400	25.2	135,800
Dauphin	8,500	34.3	291,550	8,980	28.4	255,000
Huntingdon	3,600	29.8	107,300	3,050	27.1	82,500
Juniata	5,000	29.9	149,500	5,800	26.9	155,800
Mifflin	4,600	35.4	162,840	4,000	31.9	127,400
Montour	4,900	31.3	153,600	4,650	22.8	106,100
Northumberland	7,800	30.1	234,800	9,650	26.0	250,600
Perry	7,900	30.2	238,580	7,850	24.6	193,000
Snyder	6,100	28.8	175,700	6,200	23.4	144,800
Union	5,100	30.3	154,500	5,100	26.2	133,800
CENTRAL, TOTAL	71,100	31.5	2,239,000	68,900	26.4	1,617,500
Carbon	1,200	29.8	35,760	950	26.6	25,300
Lehigh	11,700	36.8	430,550	13,200	32.0	422,400
Luzerne	2,700	30.1	81,250	2,200	31.2	68,700
Monroe	990	28.4	28,120	550	23.6	13,000
Northampton	10,500	37.1	389,300	11,100	32.8	364,400
Pike	10	32.0	320	-	-	-
Schuylkill	5,000	33.0	165,000	4,300	29.3	125,900
EAST CENTRAL, TOTAL	32,100	35.2	1,130,300	32,300	31.6	1,019,700
Allegheny	1,050	31.7	33,300	900	27.1	24,400
Fayette	1,100	32.7	36,000	1,100	33.6	37,000
Greene	250	28.0	7,000	200	30.5	6,100
Somerset	2,100	30.8	64,700	1,500	34.8	52,200
Washington	2,400	33.7	80,800	1,800	30.9	55,600
Westmoreland	4,000	30.8	123,200	3,500	28.4	99,300
SOUTHWESTERN, TOTAL	10,900	31.7	345,000	9,000	30.5	274,600
Adams	12,600	26.9	338,930	11,400	24.3	277,300
Bedford	5,500	28.9	158,950	3,700	31.5	116,500
Cumberland	11,200	29.8	333,760	11,500	32.1	368,700
Franklin	14,200	29.8	423,160	9,200	32.3	297,100
Fulton	4,300	25.2	108,360	3,100	24.6	76,200
York	31,600	30.7	969,340	33,100	30.7	1,017,000
SOUTH CENTRAL, TOTAL	79,400	29.4	2,332,500	72,000	29.9	2,152,800
Berks	18,900	32.3	610,470	18,300	29.9	547,600
Bucks	8,900	34.1	303,490	10,900	33.0	360,000
Chester	8,500	36.3	308,550	8,200	36.1	296,000
Delaware	480	37.5	18,000	250	33.6	8,400
Lancaster	29,300	32.9	963,020	29,200	34.8	1,016,600
Lebanon	7,750	37.4	289,850	6,100	32.3	197,200
Montgomery	6,600	31.7	209,220	5,400	31.2	168,200
Philadelphia	170	31.8	5,400	150	29.3	4,400
SOUTHEASTERN, TOTAL	80,600	33.6	2,708,000	78,500	33.1	2,598,400
PENNSYLVANIA	317,000	32.0	10,144,000	300,000	30.0	9,000,000

PENNSYLVANIA: BARLEY - ACREAGE, YIELD, PRODUCTION AND VALUE - 1978

County & District	Acreage Harvested	Yield	Production	Value Of Production
	Acres	Bushels	Bushels	Dollars
Crawford	350	50.0	17,500	31,500
Erie	200	47.0	9,400	16,900
Forest	-	-	-	-
Mercer	450	40.0	18,000	32,400
Venango	200	35.0	7,000	12,600
Warren	-	-	-	-
NORTHWESTERN, TOTAL	1,200	43.3	51,900	93,400
Bradford	200	35.0	7,000	12,600
Cameron	-	-	-	-
Clinton	500	35.0	17,500	31,500
Elk	*	*	*	*
Lycoming	400	47.0	18,800	33,800
McKean	*	*	*	*
Potter	-	-	-	-
Sullivan	*	*	*	*
Tioga	*	*	*	*
NORTH CENTRAL, TOTAL	1,100	39.4	43,300	77,900
Lackawanna	-	-	-	-
Susquehanna	*	*	*	*
Wayne	-	-	-	-
Wyoming	-	-	-	-
NORTHEASTERN, TOTAL	*	*	*	*
Armstrong	1,350	50.0	67,500	121,500
Beaver	1,100	60.0	66,000	118,800
Butler	1,900	53.0	100,700	181,300
Clarion	200	33.0	6,600	11,900
Indiana	700	48.0	33,600	60,500
Jefferson	500	45.0	22,500	40,500
Lawrence	750	47.1	35,300	63,500
WEST CENTRAL, TOTAL	6,500	51.1	332,200	598,000
Blair	1,050	41.0	43,000	77,400
Cambria	700	43.0	30,100	54,200
Centre	300	47.0	14,100	25,400
Clearfield	500	50.0	25,000	45,000
Columbia	1,600	44.0	70,400	126,700
Dauphin	6,450	45.0	290,300	522,500
Huntingdon	850	44.9	38,200	68,800
Juniata	2,050	50.0	102,500	184,500
Mifflin	800	38.0	30,400	54,700
Montour	550	47.1	25,900	46,600
Northumberland	3,100	39.0	120,900	217,600
Perry	2,550	45.0	114,800	206,600
Snyder	950	40.0	38,000	68,400
Union	1,050	47.0	49,400	88,900
CENTRAL, TOTAL	22,500	44.1	993,000	1,787,300
Carbon	200	47.0	9,400	16,900
Lehigh	2,100	51.0	107,100	192,800
Luzerne	200	38.0	7,600	13,700
Monroe	-	-	-	-
Northampton	2,500	46.0	115,000	207,000
Pike	-	-	-	-
Schuylkill	2,000	38.0	76,000	136,800
EAST CENTRAL, TOTAL	7,000	45.0	315,100	567,200
Allegheny	400	41.0	16,400	29,500
Fayette	900	45.0	40,500	72,900
Greene	*	*	*	*
Somerset	1,200	38.0	45,600	82,100
Washington	1,100	38.0	41,800	75,200
Westmoreland	2,600	44.0	114,400	205,900
SOUTHWESTERN, TOTAL	6,200	41.7	258,700	465,600
Adams	7,800	41.0	319,800	575,600
Bedford	2,800	46.0	128,800	231,800
Cumberland	8,300	43.0	356,900	642,400
Franklin	7,800	49.0	382,100	687,800
Fulton	2,000	36.0	72,000	129,600
York	14,300	48.0	686,400	1,235,800
SOUTH CENTRAL, TOTAL	43,000	45.3	1,946,000	3,503,000
Berks	8,200	49.0	401,800	723,200
Bucks	6,900	56.0	386,400	695,500
Chester	4,000	57.0	228,000	410,400
Delaware	200	50.0	10,000	18,000
Lancaster	11,900	52.0	618,800	1,113,900
Lebanon	3,600	49.0	176,400	317,500
Montgomery	2,200	42.0	92,400	166,300
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	37,000	-	1,913,800	3,444,800
OTHER COUNTIES	500	42.0	21,000	37,800
PENNSYLVANIA	125,000	47.0	5,875,000	10,575,000

* Acreage too small to estimate or combined to avoid disclosure of individual operations.

PENNSYLVANIA 1975-1976 REVISIONS: BARLEY - ACREAGE, YIELD, AND PRODUCTION

County & District	1975			1976		
	Acreage Harvested	Yield	Production	Acreage Harvested	Yield	Production
	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Crawford	560	38.6	21,600	550	46.2	25,400
Erie	250	43.2	10,800	250	34.8	8,700
Forest	-	-	-	-	-	-
Mercer	720	44.2	31,800	650	41.2	26,800
Venango	270	43.7	11,800	350	39.1	13,700
Warren	-	-	-	-	-	-
NORTHWESTERN, TOTAL	1,800	42.2	76,000	1,800	41.4	74,600
Bradford	310	34.8	10,800	310	35.2	10,900
Cameron	10	35.0	350	10	30.0	300
Clinton	480	44.8	21,500	490	40.0	19,600
Elk	130	39.2	5,100	90	37.8	3,400
Lycoming	750	44.9	33,700	690	35.4	24,400
McKean	70	45.7	3,200	60	43.3	2,600
Potter	10	45.0	450	20	40.0	800
Sullivan	80	45.0	3,600	90	43.3	3,900
Tioga	160	50.0	8,000	140	50.0	7,000
NORTH CENTRAL, TOTAL	2,000	43.4	86,700	1,900	38.4	72,900
Lackawanna	-	-	-	-	-	-
Susquehanna	100	40.0	4,000	100	40.0	4,000
Wayne	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-
NORTHEASTERN, TOTAL	100	40.0	4,000	100	40.0	4,000
Armstrong	1,260	49.2	62,000	1,100	48.5	53,400
Beaver	1,130	60.0	67,800	1,100	54.9	60,400
Butler	1,680	57.5	96,600	1,800	51.5	92,700
Clarion	630	47.9	30,200	500	45.8	22,900
Indiana	980	46.2	45,300	900	40.9	36,800
Jefferson	710	50.6	35,900	700	46.9	32,800
Lawrence	910	52.7	48,000	800	52.9	42,300
WEST CENTRAL, TOTAL	7,300	52.8	385,800	6,900	49.5	341,300
Blair	1,000	48.3	48,300	1,150	42.0	48,300
Cambria	850	44.9	38,200	700	45.0	31,500
Centre	350	50.0	17,500	300	48.0	14,400
Clearfield	650	48.8	31,700	500	50.0	25,000
Columbia	1,900	48.7	92,500	2,100	52.0	109,200
Dauphin	6,900	51.6	356,000	6,700	46.0	308,200
Huntingdon	950	52.2	49,600	950	42.0	39,900
Juniata	2,000	52.3	104,600	2,100	39.0	81,900
Mifflin	1,050	48.0	50,400	1,100	47.0	51,700
Montour	350	46.6	16,300	400	51.0	20,400
Northumberland	2,850	47.1	134,200	2,900	39.0	113,100
Perry	3,200	48.6	155,800	2,600	37.5	97,500
Snyder	1,550	48.6	75,300	1,300	30.5	39,700
Union	1,200	67.6	81,100	1,400	50.0	70,000
CENTRAL, TOTAL	24,800	50.5	1,251,500	24,200	43.4	1,050,800
Carbon	300	45.7	13,700	250	38.0	9,500
Lehigh	2,600	49.2	127,900	2,600	39.0	101,400
Luzerne	270	34.4	9,300	230	34.8	8,000
Monroe	30	33.3	1,000	20	35.0	700
Northampton	4,000	56.1	224,400	3,400	43.0	146,200
Pike	-	-	-	-	-	-
Schuylkill	3,100	44.6	138,300	2,700	35.5	95,800
EAST CENTRAL, TOTAL	10,300	50.0	514,600	9,200	39.3	361,600
Allegheny	500	43.4	21,700	550	37.5	20,600
Fayette	1,100	40.8	44,900	1,100	43.0	47,300
Greene	100	40.0	4,000	100	40.0	4,000
Somerset	2,100	42.0	88,200	2,000	49.0	98,000
Washington	2,000	42.1	84,200	1,600	39.5	63,200
Westmoreland	3,200	46.7	149,400	2,950	46.0	135,700
SOUTHWESTERN, TOTAL	9,000	43.6	392,400	8,300	44.4	368,800
Adams	6,700	46.4	310,900	6,600	30.0	198,000
Bedford	2,600	43.6	113,400	2,900	39.0	113,000
Cumberland	7,200	51.7	372,200	7,900	35.5	280,400
Franklin	9,300	46.8	435,200	9,000	43.0	387,000
Fulton	2,200	40.8	89,800	2,100	37.5	78,800
York	10,700	51.5	551,000	10,900	42.0	457,800
SOUTH CENTRAL, TOTAL	38,700	48.4	1,827,500	39,400	38.5	1,515,000
Berks	8,000	54.1	432,800	6,000	41.0	246,000
Bucks	4,500	51.4	231,300	5,100	52.0	265,200
Chester	3,900	53.2	207,500	4,100	50.0	205,000
Delaware	200	45.0	9,000	200	40.0	8,000
Lancaster	12,400	56.4	699,200	12,100	50.0	605,000
Lebanon	4,900	51.2	250,900	3,800	47.5	180,500
Montgomery	2,000	40.4	80,800	1,800	40.0	72,000
Philadelphia	100	50.0	5,000	100	43.0	4,300
SOUTHEASTERN, TOTAL	36,000	53.2	1,916,500	33,200	47.8	1,586,000
PENNSYLVANIA	130,000	50.0	6,500,000	125,000	43.0	5,375,000

PENNSYLVANIA: OATS - ACREAGE, YIELD, PRODUCTION AND VALUE, 1978

County & District	Acreage Harvested	Yield	Production	Value Of Production
	Acres	Bushels	Bushels	Dollars
Crawford	11,900	55.0	654,500	949,000
Erie	13,100	60.0	786,000	1,139,700
Forest	250	65.2	16,300	23,600
Mercer	12,500	51.0	637,500	924,400
Venango	3,250	52.0	169,000	245,100
Warren	3,000	53.0	159,000	230,600
NORTHWESTERN, TOTAL	44,000	55.1	2,422,300	3,512,400
Bradford	6,700	49.0	328,300	476,000
Cameron	*	*	*	*
Clinton	3,000	51.0	153,000	221,900
Elk	1,100	51.0	56,100	81,300
Lycoming	7,600	53.0	402,800	584,100
McKean	500	46.0	23,000	33,400
Potter	7,050	56.0	394,800	572,500
Sullivan	850	53.1	45,100	65,400
Tioga	10,600	49.0	519,400	753,100
NORTH CENTRAL, TOTAL	37,400	51.4	1,922,500	2,787,700
Lackawanna	750	47.1	35,300	51,200
Susquehanna	2,200	56.0	123,200	178,700
Wayne	200	45.0	9,000	13,100
Wyoming	850	46.0	39,100	56,700
NORTHEASTERN, TOTAL	4,000	51.7	206,600	299,700
Armstrong	10,700	48.0	513,600	744,700
Beaver	2,500	60.0	150,000	217,500
Butler	8,200	58.0	475,600	689,600
Clarion	5,500	53.0	291,500	422,700
Indiana	9,000	52.0	468,000	678,600
Jefferson	4,500	48.0	216,000	313,200
Lawrence	5,600	47.0	263,200	381,600
WEST CENTRAL, TOTAL	46,000	51.7	2,377,900	3,447,900
Blair	4,100	56.0	229,600	332,900
Cambria	8,900	57.0	507,300	735,600
Centre	8,500	58.0	493,000	714,900
Clearfield	2,700	47.0	126,900	184,000
Columbia	6,600	58.0	382,800	555,100
Dauphin	4,900	53.0	259,700	376,600
Huntingdon	4,100	52.0	213,200	309,100
Juniata	6,500	44.0	286,000	414,700
Mifflin	2,600	52.0	135,200	196,000
Montour	2,300	49.0	112,700	163,400
Northumberland	11,000	55.0	605,000	877,300
Perry	7,400	50.0	370,000	536,500
Snyder	7,200	52.0	374,400	542,100
Union	5,000	51.0	255,000	369,800
CENTRAL, TOTAL	81,800	53.2	4,350,800	6,308,000
Carbon	1,800	47.0	84,600	122,700
Lehigh	7,800	52.0	405,600	588,100
Luzerne	3,300	55.0	181,500	263,200
Monroe	1,500	49.0	73,500	106,600
Northampton	4,200	52.0	218,400	316,700
Pike	*	*	*	*
Schuylkill	7,500	53.0	397,500	576,400
EAST CENTRAL, TOTAL	26,100	52.1	1,361,100	1,973,700
Allegheny	900	51.0	45,900	66,600
Fayette	4,600	51.0	234,600	340,200
Greene	800	49.0	39,200	56,800
Somerset	18,900	53.0	1,001,700	1,452,500
Washington	6,100	46.0	280,600	406,900
Westmoreland	8,700	54.0	469,800	681,200
SOUTHWESTERN, TOTAL	40,000	51.8	2,071,800	3,004,200
Adams	2,200	47.0	103,400	149,900
Bedford	7,900	56.0	442,400	641,500
Cumberland	4,400	54.0	237,600	344,500
Franklin	7,300	56.0	408,800	592,800
Fulton	2,700	50.0	135,000	195,800
York	6,500	58.0	377,000	546,700
SOUTH CENTRAL, TOTAL	31,000	55.0	1,704,200	2,471,200
Berks	12,200	53.0	646,600	937,600
Bucks	3,400	49.0	166,600	241,600
Chester	2,900	58.0	168,200	243,900
Delaware	200	54.0	10,800	15,700
Lancaster	3,200	59.0	188,800	273,800
Lebanon	5,400	54.0	291,600	422,800
Montgomery	2,100	55.0	115,500	167,500
Philadelphia	*	*	*	*
SOUTHEASTERN, TOTAL	29,400	54.0	1,588,100	2,302,900
OTHER COUNTIES	300	49.0	14,700	21,300
PENNSYLVANIA	340,000	53.0	18,020,000	26,129,000

* Acreage too small to estimate or combined to avoid disclosure of individual operations.

PENNSYLVANIA 1975-1976 REVISIONS: OATS - ACREAGE, YIELD, AND PRODUCTION

County & District	1975			1976		
	Acreage Harvested	Yield	Production	Acreage Harvested	Yield	Production
	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Crawford	15,700	50.9	799,800	14,600	48.6	709,300
Erie	11,000	51.9	571,000	11,200	48.1	538,200
Forest	300	57.3	17,200	250	50.0	12,500
Mercer	12,000	55.3	663,700	12,900	52.7	680,200
Venango	3,600	54.0	194,300	3,200	49.7	159,000
Warren	2,400	50.0	120,000	2,050	49.8	102,000
NORTHWESTERN, TOTAL	45,000	52.6	2,366,000	44,200	49.8	2,201,200
Bradford	11,500	48.2	554,000	9,600	48.9	469,000
Cameron	90	44.4	4,000	80	35.0	2,800
Clinton	3,200	53.9	172,500	2,900	50.7	147,000
Elk	1,100	53.4	58,700	900	41.1	37,000
Lycoming	10,200	51.1	521,700	9,600	48.9	469,000
McKean	660	45.3	29,900	420	48.8	20,500
Potter	7,350	49.9	366,800	6,600	48.9	322,600
Sullivan	900	50.9	45,800	1,000	50.7	50,700
Tioga	12,000	53.2	638,600	12,200	48.7	594,400
NORTH CENTRAL, TOTAL	47,000	50.9	2,392,000	43,300	48.8	2,113,000
Lackawanna	1,000	43.6	43,600	800	40.0	32,000
Susquehanna	2,000	37.7	75,400	2,200	45.0	99,000
Wayne	200	33.5	6,700	250	40.0	10,000
Wyoming	1,300	43.3	56,300	950	48.4	46,000
NORTHEASTERN, TOTAL	4,500	40.4	182,000	4,200	44.5	187,000
Armstrong	9,000	52.5	472,200	9,800	46.3	454,000
Beaver	2,500	50.0	125,000	2,100	52.9	111,000
Butler	10,000	57.4	574,400	10,000	51.3	512,600
Clarion	5,800	55.4	321,400	6,300	48.8	307,500
Indiana	10,200	52.4	534,600	10,400	56.2	584,000
Jefferson	5,100	50.4	256,900	5,200	52.3	271,800
Lawrence	6,400	55.4	354,700	6,600	49.8	328,400
WEST CENTRAL, TOTAL	49,000	53.9	2,639,200	50,400	51.0	2,569,300
Blair	4,300	58.3	250,600	3,900	59.0	230,000
Cambria	9,100	53.8	490,000	9,000	55.0	495,000
Centre	12,400	60.5	749,900	10,400	52.3	543,500
Clearfield	3,300	51.6	170,300	3,500	57.6	166,700
Columbia	7,700	59.0	454,000	6,400	48.8	312,500
Dauphin	6,000	55.1	330,700	5,200	57.2	297,600
Huntingdon	4,600	53.3	245,000	4,600	55.4	254,900
Juniata	6,000	53.4	320,600	6,200	47.8	296,600
Mifflin	3,500	54.1	189,300	3,600	49.6	178,600
Montour	3,700	53.9	199,300	3,100	55.0	170,600
Northumberland	10,500	52.8	554,400	10,500	49.2	516,600
Perry	6,200	51.0	316,200	6,700	50.8	340,300
Snyder	7,200	52.7	379,700	7,100	47.7	338,300
Union	5,500	59.5	327,000	5,300	55.2	292,600
CENTRAL, TOTAL	90,000	55.3	4,977,000	85,500	51.9	4,433,800
Carbon	1,700	49.0	83,300	1,500	46.3	69,400
Lehigh	7,300	53.4	389,700	7,300	52.6	384,000
Luzerne	3,100	52.3	162,100	2,550	51.3	130,900
Monroe	2,400	47.8	114,700	2,250	42.3	95,200
Northampton	6,500	50.2	326,400	5,300	48.3	255,900
Pike	100	50.0	5,000	100	51.0	5,100
Schuylkill	7,400	53.1	392,800	6,200	51.8	321,400
EAST CENTRAL, TOTAL	28,500	51.7	1,474,000	25,200	50.1	1,261,900
Allegheny	1,300	56.8	73,800	1,100	48.7	53,600
Fayette	5,200	56.0	291,200	5,500	51.0	280,700
Greene	700	53.9	37,700	700	48.6	34,000
Somerset	20,900	52.2	1,090,600	21,100	54.7	1,153,400
Washington	8,000	56.0	447,800	7,900	48.6	383,900
Westmoreland	8,900	51.0	453,700	7,900	56.5	446,400
SOUTHWESTERN, TOTAL	45,000	53.2	2,394,800	44,200	53.2	2,352,000
Adams	2,900	55.0	159,600	2,500	49.2	123,000
Bedford	8,100	51.4	416,200	8,400	49.5	415,700
Cumberland	5,600	52.9	296,400	4,400	50.5	222,200
Franklin	10,300	51.7	532,700	8,100	51.4	416,600
Fulton	2,600	49.8	129,600	2,200	48.7	107,100
York	6,500	51.9	337,500	5,800	55.1	319,400
SOUTH CENTRAL, TOTAL	36,000	52.0	1,872,000	31,400	55.1	1,604,000
Berks	14,700	53.2	781,900	13,700	51.0	698,300
Bucks	2,800	50.4	141,100	2,300	50.4	116,000
Chester	2,600	54.0	140,400	2,000	51.6	103,200
Delaware	200	53.0	10,600	200	50.0	10,000
Lancaster	3,500	54.0	189,100	2,900	55.1	159,700
Lebanon	4,300	51.8	222,600	4,000	54.6	218,200
Montgomery	1,800	48.5	87,300	1,400	51.7	72,400
Philadelphia	100	50.0	5,000	100	50.0	5,000
SOUTHEASTERN, TOTAL	30,000	52.6	1,578,000	26,600	52.0	1,382,800
PENNSYLVANIA	375,000	53.0	19,875,000	355,000	51.0	18,105,000

PENNSYLVANIA POTATOES

By Glen F. Smith

RECORD LOW POTATO ACREAGE: Pennsylvania potato production totaled 6,250,000 cwt. in 1978, two percent below a year earlier. The significant factor was a 500 acre drop in harvested acres to a record low of 25,000 acres. This broke the record of 25,500 set last year. Yield was unchanged at 250 cwt. while planted acreage fell 2,000 acres to 26,000.

As of October 1, sixty-three percent of reporters rated moisture conditions as satisfactory and sixty-eight percent rated tuber size as average. The average date reported for the beginning of harvest was September 9. By November 1, three-fourths of the reporters indicated tuber size as average and 23 percent rated it as large. The average ending date of harvest was reported as October 1 with 98 percent reportedly complete as of November 1.

The season average price for the 1978 crop is estimated at $4.70 per cwt., the same as received for the 1977 crop. This places the value of the crop at $29,375,000 compared to $29,963,000 a year earlier.

POTATO STOCKS START LOWER, END HIGHER: Potatoes held in storage by growers, local dealers and processors in Pennsylvania during the 1978 storage season began lower than the previous year but ended significantly higher. Stocks showed the following relationship to the corresponding month a year earlier: December 1, down 2 percent; January 1, down 1 percent; February 1, up 14 percent; March 1, up 34 percent; April 1, up 45 percent.

PENNSYLVANIA POTATO VARIETIES: Again this year four varieties accounted for most of the Commonwealth's 25,000 harvested acres of potatoes. Katahdin led the varieties with 8,000 acres or 32 percent; Norchip was second with 6,500 acres or 26 percent; Kennebec, slipped to third at 4,300 acres or 17 percent with Superior remaining fourth at 3,200 acres or 13 percent and all other varieties totaling the remaining 3,200 acres.

PENNSYLVANIA: ACREAGE, YIELD, PRODUCTION, AND VALUE OF POTATOES, 1960-1978

Year	Planted Acreage	Harvested Acreage	Yield Per Acre	Production	Season Average Price	Value Of Production	Value Of Sales
	Acres		Cwt.			Dollars	
1960	41,000	40,000	192	7,680,000	2.34	17,971,000	15,575,000
1965	38,000	38,000	198	7,524,000	2.87	21,594,000	19,447,000
1967	39,000	38,000	240	9,120,000	2.23	20,338,000	17,280,000
1968	37,000	37,000	205	7,585,000	2.60	19,721,000	17,836,000
1970	35,000	34,500	240	8,280,000	2.65	21,942,000	19,528,000
1971	36,500	35,500	220	7,810,000	2.72	21,243,000	17,797,000
1972	34,000	30,000	170	5,100,000	4.20	21,420,000	19,694,000
1973	31,000	30,000	210	6,300,000	6.15	38,745,000	35,590,000
1974	33,000	32,000	230	7,360,000	3.90	28,704,000	24,122,000
1975	31,000	29,000	235	6,815,000	5.75	39,186,000	35,104,000
1976	29,000	28,000	255	7,140,000	5.00	35,700,000	32,345,000
1977	28,000	25,500	250	6,375,000	4.70	29,963,000	26,217,000
1978	26,000	25,000	250	6,250,000	1/ 4.70	29,375,000	-

1/ Preliminary.

PENNSYLVANIA: POTATO PRODUCTION AND STOCKS DURING MARKETING MONTHS, CROPS OF 1960-1978

Crop Year	Production	December 1	Following Year				
			January 1	February 1	March 1	April 1	May 1
			1,000 Cwt.				
1960	7,680	4,750	3,650	2,600	1,600	-	-
1965	7,524	4,500	3,400	2,350	1,500	-	-
1967	9,120	5,400	4,500	3,450	2,200	-	-
1968	7,585	4,550	3,550	2,500	1,600	-	-
1970	8,280	4,650	3,900	2,750	1,800	-	-
1971	7,810	4,200	3,300	2,400	1,500	-	-
1972	5,100	2,900	2,100	1,450	850	450	-
1973	6,300	3,300	2,450	1,600	1,050	500	-
1974	7,360	4,150	3,300	2,365	1,568	767	-
1975	6,815	3,660	2,780	1,870	1,300	650	-
1976	7,140	4,750	3,900	2,900	1,900	1,150	-
1977	6,375	4,650	3,500	2,550	1,600	1,000	-
1978	6,250	4,550	3,450	2,900	2,150	1,450	750

PENNSYLVANIA: HARVESTED ACREAGE, YIELD AND PRODUCTION OF POTATOES BY VARIETIES, 1978

Variety	Harvested Acreage	Average Yield Per Acre	Production
	Acres	Cwt.	Cwt.
Katahdin	8,000	255	2,040,000
Norchip	6,500	240	1,560,000
Kennebec	4,300	260	1,118,000
Superior	3,200	245	784,000
Penn 71	1,000	230	230,000
Other	2,000	259	518,000
TOTAL	25,000	250	6,250,000

PENNSYLVANIA: POTATO ACREAGE, YIELD, PRODUCTION AND VALUE, 1978

County & District	Acreage Harvested 1/	Yield	Production	Value Of Production
	Acres	Cwt.	Cwt. (000)	Dollars
Crawford	400	250	100	470,000
Erie	2,800	245	685	3,219,500
Forest	-	-	-	-
Mercer	180	250	45	211,500
Venango	-	-	-	-
Warren	250	248	62	291,400
NORTHWESTERN, TOTAL	3,630	246	892	4,192,400
Bradford	100	250	25	117,500
Cameron	-	-	-	-
Clinton	-	-	-	-
Elk	-	-	-	-
Lycoming	200	240	48	225,600
McKean	-	-	-	-
Potter	1,560	270	421	1,978,700
Sullivan	-	-	-	-
Tioga	250	248	62	291,400
NORTH CENTRAL, TOTAL	2,110	264	556	2,613,200
Lackawanna	-	-	-	-
Susquehanna	-	-	-	-
Wayne	-	-	-	-
Wyoming	-	-	-	-
NORTHEASTERN, TOTAL	-	-	-	-
Armstrong	-	-	-	-
Beaver	-	-	-	-
Butler	600	235	141	662,700
Clarion	240	208	50	235,000
Indiana	500	250	125	587,500
Jefferson	-	-	-	-
Lawrence	-	-	-	-
WEST CENTRAL, TOTAL	1,340	236	316	1,485,200
Blair	-	-	-	-
Cambria	2,360	244	575	2,702,500
Centre	170	229	39	183,300
Clearfield	140	243	34	159,800
Columbia	640	267	171	803,700
Dauphin	150	253	38	178,600
Huntingdon	-	-	-	-
Juniata	-	-	-	-
Mifflin	-	-	-	-
Montour	-	-	-	-
Northumberland	400	235	94	441,800
Perry	-	-	-	-
Snyder	-	-	-	-
Union	-	-	-	-
CENTRAL, TOTAL	3,860	246	951	4,469,700
Carbon	180	239	43	202,100
Lehigh	2,200	261	575	2,702,500
Luzerne	500	222	111	521,700
Monroe	400	245	98	460,600
Northampton	800	280	224	1,052,800
Pike	-	-	-	-
Schuylkill	1,500	250	375	1,762,500
EAST CENTRAL, TOTAL	5,580	256	1,426	6,702,200
Allegheny	-	-	-	-
Fayette	-	-	-	-
Greene	-	-	-	-
Somerset	1,150	240	276	1,297,300
Washington	-	-	-	-
Westmoreland	-	-	-	-
SOUTHWESTERN, TOTAL	1,150	240	276	1,297,300
Adams	120	267	32	150,400
Bedford	-	-	-	-
Cumberland	100	230	23	108,100
Franklin	120	225	27	126,900
Fulton	-	-	-	-
York	2,750	238	655	3,078,500
SOUTH CENTRAL, TOTAL	3,090	239	737	3,463,900
Berks	210	280	58	272,600
Bucks	250	260	65	305,500
Chester	850	260	221	1,038,700
Delaware	-	-	-	-
Lancaster	1,600	270	432	2,030,400
Lebanon	-	-	-	-
Montgomery	-	-	-	-
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	2,910	267	776	3,647,200
Other Counties	1,330	241	320	1,503,900
PENNSYLVANIA	25,000	250	6,250	29,375,000

1/ Total included in other counties to avoid disclosure of individual operations.

PRELIMINARY SUMMARY OF POTATO PRODUCTION COSTS

Because of the increasing concern of farmers, farm organizations, legislatures and others, a survey of the production costs for potatoes was undertaken for the 1976 crop year. This study was undertaken in five major producing States namely, Idaho, Maine, Minnesota, North Dakota and Washington. It covers the costs of producing potatoes from land preparation to delivery into storage. Included also are land charges, depreciation, and charge for management.

Production costs as presented here are grouped into four major categories: (1) total variable costs; (2) ownership costs; (3) land charges; and (4) management charge. A more detailed explanation of these is given in the footnotes at the end of the tables.

The study related to the 1976 crop. Updates for 1977 and 1978 were calculated by use of index numbers of estimated changes in costs since 1976. The factor used for calculating cost categories (1) through (3) was 1.0505 for 1977 and 1.141 for 1978. Category (4), management charge, is 10 percent of the sum of categories (1) and (2).

The average yield of growers cooperating in the 1976 survey was reasonably close to statewide averages in each of the five States, giving a further degree of authority to the results. The data from the survey will continue to be useful for updating production costs for an additional year or two at least. The presentation here is preliminary.

POTATOES: PRODUCTION COSTS PER ACRE, LEADING STATES, 1978

	Idaho	Maine	Minnesota	North Dakota	Washington	Average
			Dollars			
Total Variable Costs 1/.	514.73	522.62	293.48	261.13	767.78	476.74
Ownership Costs 2/.....	86.28	52.86	33.96	34.96	85.78	65.19
Land Charges 3/.....	133.81	40.36	57.80	45.17	156.54	96.73
Management 4/.....	60.10	57.58	32.74	29.61	85.36	54.19
TOTAL.....	794.92	673.42	417.98	370.87	1,095.46	642.85

POTATOES: PRODUCTION COSTS PER CWT., LEADING STATES, 1978

	Idaho	Maine	Minnesota	North Dakota	Washington	Average
			Dollars			
Total Variable Costs 1/.	2.13	2.15	1.85	1.94	1.61	1.96
Ownership Costs 2/.....	.36	.22	.21	.26	.18	.27
Land Charges 3/.....	.56	.17	.36	.33	.33	.40
Management 4/.....	.25	.24	.21	.22	.18	.22
TOTAL.....	3.30	2.78	2.63	2.75	2.30	2.85

1/ Total variable costs consist of four major cost categories: (a) Materials; (b) Machinery and Equipment; (c) Labor; and (d) General.

(a) Material costs include cost of fertilizers, lime, pesticides, seed, and other materials.
(b) Machinery and Equipment costs consist of fuel, lubricant and repair costs.
(c) Labor costs include charges for hired, unpaid, and other labor.
(d) General costs include water costs, fees and dues, farm overhead costs and interest on operating capital.

2/ Ownership costs consist of charges for depreciation, taxes, insurance, interest and housing for machinery.
3/ Land charges cover owned land, cash rent, and share rent.
4/ Management charge is based on 10 percent of total variable costs plus ownership costs.

TOBACCO PRODUCTION

PENNSYLVANIA: TOBACCO ACREAGE, YIELD, PRODUCTION AND VALUE, 1978

County	Acreage	Yield	Production	Value Of Production
	Acres	Pounds	Pounds	Dollars
Dauphin	50	1,900	95,000	58,900
Snyder	90	1,900	171,000	106,000
York	90	1,900	171,000	106,000
Berks	280	1,940	543,200	336,800
Chester	280	1,800	504,000	312,500
Lancaster	11,570	1,941	22,459,800	13,925,000
Lebanon	600	2,000	1,200,000	744,000
Other Counties	40	1,900	76,000	47,200
PENNSYLVANIA	13,000	1,940	25,220,000	15,636,400

PENNSYLVANIA: TOBACCO ACREAGE, YIELD, PRODUCTION AND VALUE, 1960-1978

County	Acreage	Yield	Production	Value Of Production
	Acres	Pounds	1,000 Lbs.	1,000 Dols.
1960	31,000	1,700	52,700	14,756
1962	30,000	2,000	60,000	14,100
1963	28,000	1,850	51,800	10,878
1964	27,000	1,700	45,900	12,393
1965	27,000	1,900	51,300	12,312
1966	21,000	1,725	36,225	9,056
1967	21,000	1,825	38,325	10,731
1968	21,000	1,775	37,275	11,183
1969	20,000	1,825	36,500	10,950
1970	17,000	1,800	30,600	9,486
1971	15,200	1,610	24,472	8,810
1972	13,000	1,400	18,200	8,372
1973	13,000	1,700	22,100	11,492
1974	13,000	2,000	26,000	15,080
1975	12,000	1,650	19,800	11,484
1976	13,500	1,750	23,625	14,175
1977	13,500	1,940	26,190	15,714
1978	13,000	1,940	25,220	15,636

PENNSYLVANIA: TOBACCO PRODUCTION, STOCKS, SUPPLY, DISAPPEARANCE AND PRICE, 1960-1978 1/

Marketing Year	Carry-Over			Production	Total Supply	Disappearance	Average Price
	Manufacturer	Other	Total				
			Million Pounds				Cents
1960	96.2	13.5	109.7	52.7	162.4	47.5	28.0
1962	105.3	17.6	122.9	60.0	182.9	55.0	23.5
1963	109.7	18.3	128.0	51.8	179.8	41.6	21.0
1964	119.1	19.0	138.1	45.9	184.0	54.6	27.0
1965	112.3	17.1	129.4	51.3	180.7	53.0	24.0
1966	105.5	22.2	127.7	36.2	163.9	51.7	25.0
1967	86.5	25.8	112.3	38.3	150.6	41.9	28.0
1968	87.3	21.4	108.7	37.3	146.0	40.9	30.0
1969	79.3	25.8	105.1	36.5	141.6	44.3	30.0
1970	70.5	26.8	97.3	30.6	127.9	40.9	31.0
1971	59.4	27.6	87.0	24.5	111.5	41.3	36.0
1972	53.8	16.4	70.2	18.2	88.4	34.7	46.0
1973	42.9	10.8	53.7	22.1	75.8	28.3	52.0
1974	39.0	8.5	47.5	26.0	73.5	24.3	58.0
1975	38.4	10.8	49.2	19.8	69.0	22.2	58.0
1976	35.8	11.0	46.8	23.6	70.4	20.7	60.0
1977	36.5	13.2	49.7	26.2	75.9	21.8	60.0
1978	-	-	54.1	25.2	79.3	-	62.0

1/ Source: U.S. Department of Agriculture, Agricultural Marketing Service.

PENNSYLVANIA: SUMMARY - PRINCIPAL CROPS, HARVESTED BY COUNTIES, 1978

County & District	Field & Forage Crops		Veg. Crops (Fresh & Proc.)		Fruit	Value Of Production Field Crops Vegs. & Fruits
	Acres Harvested	Value Of Production	Acres Harvested	Value Of Production	Value Of Production	
	Acres	Thous. Dols.	Acres	Thous. Dols.	Thous. Dols.	Thous. Dols.
Crawford	89,400	14,959	691	637	84	15,680
Erie	79,300	11,548	4,144	4,646	15,562	31,756
Forest	1,900	264	5	1	-	265
Mercer	88,400	14,200	533	487	158	14,845
Venango	24,000	3,520	116	90	96	3,706
Warren	32,600	4,682	302	324	-	5,006
NORTHWESTERN, TOTAL	315,600	49,173	5,791	6,185	15,900	71,258
Bradford	147,900	19,462	209	220	133	19,815
Cameron	700	88	1	-	-	88
Clinton	25,800	3,299	705	444	26	3,769
Elk	5,300	607	43	26	7	640
Lycoming	70,300	10,322	801	568	402	11,292
McKean	13,200	1,261	69	39	4	1,304
Potter	25,400	2,560	1,579	1,992	4	4,556
Sullivan	14,100	1,544	91	103	-	1,647
Tioga	99,200	12,109	292	335	32	12,476
NORTH CENTRAL, TOTAL	401,900	61,252	3,790	3,727	608	55,587
Lackawanna	32,200	3,676	766	809	120	4,605
Susquehanna	80,200	12,367	48	32	43	12,442
Wayne	52,900	6,996	73	37	18	7,051
Wyoming	29,500	4,483	188	154	120	4,757
NORTHEASTERN, TOTAL	194,800	27,522	1,075	1,032	301	28,885
Armstrong	69,100	10,645	238	197	140	10,982
Beaver	29,100	4,677	166	70	163	4,910
Butler	87,100	16,192	1,172	1,074	47	16,303
Clarion	41,400	6,116	358	320	115	6,551
Indiana	71,200	11,140	918	1,140	214	12,494
Jefferson	39,600	6,132	107	88	24	6,244
Lawrence	51,100	9,647	225	116	111	9,874
WEST CENTRAL, TOTAL	388,600	63,549	3,184	3,005	814	67,368
Blair	37,100	7,034	305	390	709	8,133
Cambria	47,000	6,550	2,512	2,817	25	9,392
Centre	82,800	14,798	755	306	290	15,394
Clearfield	26,500	3,378	298	198	82	3,658
Columbia	69,400	11,083	3,207	2,771	372	14,226
Dauphin	73,300	12,193	733	676	421	13,290
Huntingdon	51,200	8,642	162	134	43	8,819
Juniata	55,600	9,088	139	226	785	10,099
Mifflin	45,000	8,439	80	80	99	8,618
Montour	25,800	3,917	123	65	46	4,028
Northumberland	75,400	11,384	1,936	1,579	426	13,389
Perry	57,800	9,290	138	133	124	9,547
Snyder	69,000	10,002	408	468	982	11,452
Union	47,900	8,226	239	346	79	8,651
CENTRAL, TOTAL	763,700	124,024	11,035	10,189	4,483	138,696
Carbon	9,300	1,428	313	238	60	1,726
Lehigh	84,300	14,816	2,731	3,300	2,630	20,746
Luzerne	32,500	4,420	1,827	1,485	232	6,137
Monroe	14,500	1,790	457	488	110	2,388
Northampton	82,400	15,919	1,139	1,322	667	17,908
Pike	1,900	362	88	58	7	427
Schuylkill	48,200	7,369	2,746	2,937	524	10,830
EAST CENTRAL, TOTAL	273,100	46,104	9,301	9,828	4,230	60,162
Allegheny	13,600	1,857	635	579	675	3,111
Fayette	68,600	10,587	274	194	7	10,788
Greene	64,400	8,413	146	124	11	8,548
Somerset	127,300	20,102	1,678	1,483	79	21,664
Washington	97,900	14,995	464	484	325	15,804
Westmoreland	88,100	13,146	523	325	107	13,578
SOUTHWESTERN, TOTAL	459,900	69,100	3,720	3,189	1,204	73,493
Adams	92,000	14,138	1,279	1,011	21,784	36,933
Bedford	85,700	14,705	179	127	918	15,750
Cumberland	122,200	21,297	529	362	1,233	22,892
Franklin	168,500	33,082	615	559	8,228	41,869
Fulton	41,900	5,713	27	25	64	5,802
York	195,700	32,938	7,398	4,855	3,106	40,899
SOUTH CENTRAL, TOTAL	706,000	121,873	10,027	6,939	35,333	164,145
Berks	202,400	41,513	870	703	2,197	44,413
Bucks	75,500	13,366	2,310	2,214	683	16,263
Chester	123,700	26,967	1,337	1,474	774	29,215
Delaware	5,800	1,384	264	164	133	1,681
Lancaster	319,900	88,218	3,420	4,073	1,222	93,513
Lebanon	75,800	17,340	589	494	213	18,047
Montgomery	46,200	8,320	477	340	271	8,931
Philadelphia	100	7	10	12	-	19
SOUTHEASTERN, TOTAL	849,400	197,115	9,277	9,474	5,493	212,082
PENNSYLVANIA	4,353,000	749,712	57,200	53,568	68,366	871,646

CROP AND WEATHER SUMMARY - 1978

DATES OF FIRST AND LAST FROST, SELECTED PENNSYLVANIA STATIONS, 1978 AND NORMAL

Area + Station	County	Last Spring Minimum Of 32 Degrees F.			First Fall Minimum Of 32 Degrees F.		
		1978		Normal	1978		Normal
		Date	Low Temp. Deg. F.	Date	Date	Low Temp. Deg. F.	Date
Pocono Mountains:							
Stroudsburg	Monroe	May 4	29	May 9	Sept. 29	30	Sept. 29
East Central Mountains:							
Palmerton	Carbon	May 4	32	May 5	Oct. 18	29	Oct. 9
South East Piedmont							
Lancaster	Lancaster	May 1	28	May 3	Oct. 18	29	Oct. 10
Lower Susquehanna:							
Gettysburg	Adams	May 1	32	Apr. 21	Oct. 9	31	Oct. 18
York	York	May 1	25	Apr. 30	Sept. 29	32	Oct. 9
Middle Susquehanna:							
Williamsport	Lycoming	May 1	30	May 2	Oct. 18	30	Oct. 11
Upper Susquehanna:							
Montrose	Susquehanna	May 4	28	May 15	Sept. 26	32	Oct. 3
Wellsboro	Tioga	May 5	26	May 22	Sept. 26	32	Sept. 25
Central Mountains:							
Ridgway	Elk	May 12	31	May 26	Sept. 29	30	Sept. 24
State College	Centre	May 1	29	Apr. 27	Oct. 18	30	Oct. 12
South Central Mountains:							
Altoona	Blair	May 2	31	May 8	Oct. 15	32	Oct. 8
Ebensburg	Cambria	June 14	31	May 15	Sept. 26	31	Oct. 3
South West Plateau:							
Butler	Butler	May 11	31	May 18	Sept. 29	31	Oct. 2
Donora	Washington	May 2	28	Apr. 21	Oct. 18	31	Oct. 28
Uniontown	Fayette	May 4	30	Apr. 29	Oct. 9	29	Oct. 15
North West Plateau:							
Brookville	Jefferson	May 11	32	May 25	Sept. 29	30	Sept. 23
Corry	Erie	May 11	31	May 24	Sept. 29	31	Sept. 25
Franklin	Venango	May 4	29	May 13	Oct. 17	32	Oct. 6

PENNSYLVANIA - FIELDWORK AND CROP DEVELOPMENT, SELECTED DATES 1975-1978

Data As Reported - Pennsylvania Weekly Crop And Weather Survey State Average

Date	Oats % Planted				Barley % In Boot				Wheat % In Boot			
	1975	1976	1977	1978	1975	1976	1977	1978	1975	1976	1977	1978
April 10	--	--	8	--	--	--	--	--	--	--	--	--
15	--	--	22	7	--	--	--	--	--	--	--	--
20	22	56	42	23	--	3	--	--	--	--	--	--
25	43	74	59	40	--	7	2	--	--	--	--	--
30	57	85	73	58	1	17	7	1	--	--	2	--
May 5	69	90	80	75	6	23	12	3	3	18	10	--
10	80	93	87	84	17	28	25	6	10	38	23	3
15	89	96	93	88	25	35	37	14	23	48	36	10
20	94	98	97	88	28	28	24	26	36	48	45	22
25	97	--	--	92	26	13	17	34	46	40	43	32
30	--	--	--	95	24	--	13	31	46	--	--	35

Date	Spring Plowing % Complete				Potato Planting % Complete				Corn Planting % Complete			
	1975	1976	1977	1978	1975	1976	1977	1978	1975	1976	1977	1978
April 15	--	--	29	16	--	--	7	3	--	--	--	1
20	32	67	49	28	7	27	18	7	--	--	3	3
25	56	77	63	42	24	42	29	16	3	10	5	5
30	61	81	68	58	33	45	39	30	3	18	7	7
May 5	65	86	77	70	40	55	43	44	4	23	11	16
10	74	90	83	77	47	67	54	55	6	34	25	24
15	79	93	87	80	57	78	69	62	31	53	44	31
20	84	95	91	83	72	80	79	67	52	69	65	32
25	89	97	94	86	88	83	89	71	68	78	79	45
30	95	98	--	91	94	89	--	80	83	85	89	62
June 5	--	--	--	--	--	--	--	--	91	95	95	82

Date	Oats % In Head				Barley % Turning Yellow				Corn Average Height - Inches			
	1975	1976	1977	1978	1975	1976	1977	1978	1975	1976	1977	1978
June 10	7	16	20	5	19	28	38	6	6	5	7	4
15	14	33	37	8	37	40	58	24	8	7	9	6
20	32	51	53	15	49	58	63	42	11	10	11	8
25	55	67	66	28	56	52	50	55	15	15	14	11
30	71	77	73	53	54	39	29	50	20	21	19	15
July 5	75	75	72	73	39	25	17	38	25	28	28	20
10	65	57	63	78	30	15	12	26	33	38	38	25
15	50	37	51	67	--	10	9	15	41	45	48	32
20	30	20	28	52	--	--	--	11	50	52	57	44
25	13	8	--	33	--	--	--	9	60	59	65	52
30	--	4	--	--	--	--	--	--	67	68	70	--

Date	Oats Harvested % Complete				Tobacco Harvested % Complete				Corn % In Silk			
	1975	1976	1977	1978	1975	1976	1977	1978	1975	1976	1977	1978
July 20	--	9	--	--	--	--	--	--	--	--	--	--
25	5	17	15	3	--	--	--	--	--	--	--	--
30	22	38	25	8	--	--	--	--	--	--	--	--
Aug. 5	48	61	52	30	--	--	--	--	--	--	64	48
10	70	73	72	41	--	8	5	--	58	58	58	56
15	74	86	84	58	--	15	11	--	48	56	50	56
20	84	88	92	77	5	29	19	6	37	38	35	49
25	91	93	96	90	8	36	37	15	23	27	23	32
30	91	97	--	93	15	48	49	24	9	17	14	28
Sept 5	97	--	--	96	35	70	61	35	--	8	5	13
10	--	--	--	--	42	75	75	48	--	--	--	6
15	--	--	--	--	53	78	84	65	--	--	--	--
20	--	--	--	--	72	82	88	79	--	--	--	--
25	--	--	--	--	81	90	90	90	--	--	--	--
30	--	--	--	--	89	95	97	96	--	--	--	--
Oct. 5	--	--	--	--	96	98	--	--	--	--	--	--

Date	Fall Plowing % Complete				Potatoes % Harvested				Corn % In Dough			
	1975	1976	1977	1978	1975	1976	1977	1978	1975	1976	1977	1978
Aug. 10	7	10	8	8	8	11	11	8	25	15	27	17
15	11	14	13	11	18	12	15	12	38	30	40	27
20	15	22	19	13	20	15	17	17	47	47	50	39
25	20	29	27	18	21	20	23	20	53	55	54	52
30	27	35	31	26	21	25	28	21	57	58	53	56
Sept 5	34	42	36	36	28	30	37	27	46	53	43	53
10	43	51	46	44	37	39	54	36	30	43	31	45
15	49	56	61	48	44	47	59	43	18	30	23	33
20	55	62	68	54	47	56	63	48	13	20	16	27
25	56	70	71	62	50	68	64	58	--	--	--	--
30	58	70	73	73	55	69	65	72	--	--	--	--
Oct. 5	61	71	79	77	63	74	71	75	--	--	--	--
10	62	74	86	84	72	81	77	80	--	--	--	--
15	--	83	91	--	--	--	83	--	--	--	--	--

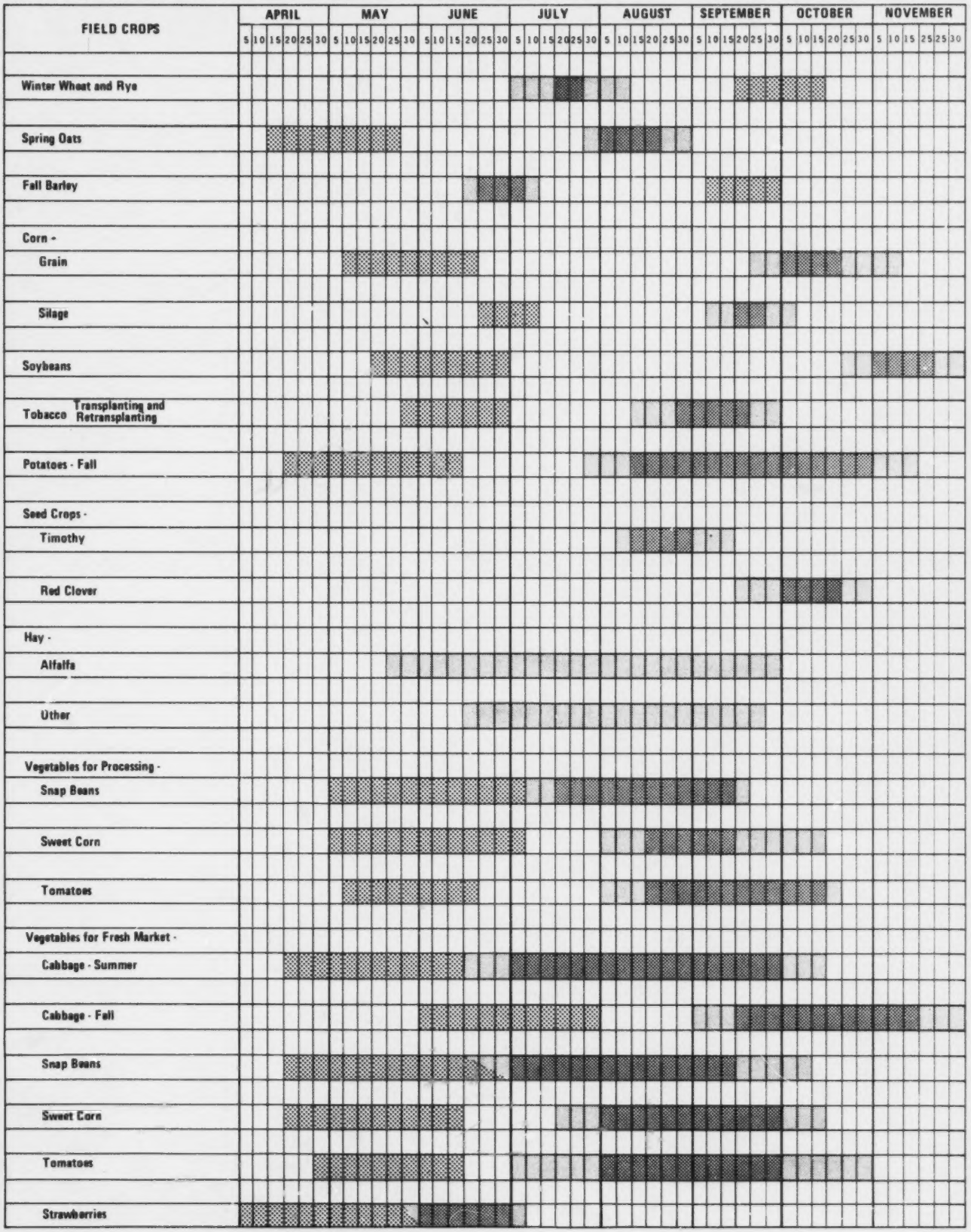
Date	Wheat % Planted				Barley % Planted				Corn Mature - % Not Yet Harvested			
	1975	1976	1977	1978	1975	1976	1977	1978	1975	1976	1977	1978
Aug. 30	--	--	--	--	13	22	--	--	1	1	1	--
Sept 5	20	--	2	5	23	29	3	10	3	3	3	2
10	26	32	4	8	33	32	5	18	12	8	5	4
15	30	33	11	13	41	37	17	24	22	10	17	8
20	31	37	19	28	47	45	32	40	31	14	26	12
25	32	46	29	41	53	57	55	58	35	20	34	20
30	44	49	41	48	65	72	61	73	44	32	41	32
Oct. 5	60	56	53	63	79	81	75	85	55	42	58	40
10	64	63	67	74	84	85	87	92	63	50	67	54
15	--	--	78	--	--	--	93	--	--	57	68	--

PENNSYLVANIA: TEMPERATURE, PRECIPITATION AND SNOWFALL, NOVEMBER 1977 - OCTOBER 1978, BY NATIONAL WEATHER SERVICE

	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.
POCONO MOUNTAINS												
Av. Temp.--Degrees	41.4	25.8	21.1	17.4	31.0	43.6	56.1	63.8	67.5	70.0	59.0	48.1
Depart. From Normal	1.8	-1.8	-3.2	-8.2	-3.2	-3.0	-.7	-1.7	-2.3	2.2	-1.9	-2.9
Precip. - Inches	4.46	5.53	7.69	1.67	3.21	1.60	6.12	3.08	2.28	4.14	3.50	3.50
Depart. From Normal	.63	2.18	5.00	-.85	-.06	-2.18	2.02	-.58	-2.24	.03	.03	.24
Snowfall - Inches	4.6	12.7	32.6	25.6	8.1	.6	T	.0	.0	.0	.0	T
EAST CENTRAL MOUNTAINS												
Av. Temp.--Degrees	42.3	28.0	23.5	20.2	33.7	47.0	57.7	67.0	69.9	71.2	61.6	50.7
Depart. From Normal	.7	-2.2	-3.8	-8.5	-3.6	-2.1	-1.4	-1.1	-2.5	1.0	-1.8	-2.3
Precip. - Inches	5.64	5.86	8.07	1.25	4.33	1.79	6.58	2.94	3.73	8.26	3.07	2.44
Depart. From Normal	1.72	2.32	5.19	-1.40	.74	-2.01	2.43	-.47	-1.11	4.09	-.69	-.71
Snowfall - Inches	2.1	5.5	22.6	19.3	5.9	T	.0	.0	.0	.0	.0	T
SOUTHEAST PIEDMONT												
Av. Temp.--Degrees	46.6	32.4	26.5	23.7	37.8	50.7	60.0	70.3	72.7	75.5	65.8	53.4
Depart. From Normal	1.9	-1.1	-4.3	-8.6	-2.8	-1.2	-1.9	-.6	-2.6	2.2	-.8	-2.7
Precip. - Inches	6.33	5.87	8.47	1.36	4.49	1.79	6.03	3.17	5.08	5.51	1.56	1.92
Depart. From Normal	2.68	2.43	5.61	-1.27	.83	-1.66	2.24	-.39	.68	1.49	-1.79	-.89
Snowfall - Inches	.2	.9	23.6	21.3	7.9	T	.0	.0	.0	.0	.0	T
LOWER SUSQUEHANNA												
Av. Temp.--Degrees	45.2	30.1	24.5	21.9	36.5	50.2	59.4	69.1	71.3	75.0	66.5	51.8
Depart. From Normal	1.7	-2.3	-5.6	-9.9	-3.8	-1.7	-2.5	-1.5	-3.5	1.9	.5	-3.5
Precip. - Inches	4.83	4.88	7.60	1.15	3.33	1.80	5.38	3.37	4.74	4.20	1.45	1.96
Depart. From Normal	1.49	1.76	4.94	-1.29	-.23	-1.59	1.48	-.23	1.03	.57	-1.55	-.88
Snowfall - Inches	.6	3.6	26.1	15.1	6.4	.0	.0	.0	.0	.0	.0	.0
MIDDLE SUSQUEHANNA												
Av. Temp.--Degrees	43.8	27.1	22.8	20.0	33.9	47.9	58.7	67.5	70.5	72.8	63.2	50.1
Depart. From Normal	2.3	-3.0	-4.5	-8.8	-3.6	-1.6	-.9	-.9	-2.1	2.1	-.6	-3.0
Precip. - Inches	5.39	4.81	7.46	1.13	2.84	2.15	7.00	3.77	4.83	4.42	2.94	2.63
Depart. From Normal	1.85	1.86	4.97	-1.11	-.47	-1.30	2.86	.28	1.01	.69	-.14	-.47
Snowfall - Inches	4.2	10.0	34.4	16.3	7.4	.4	.0	.0	.0	.0	.0	T
UPPER SUSQUEHANNA												
Av. Temp.--Degrees	40.3	24.4	18.6	15.0	28.5	41.8	53.7	62.1	66.6	67.6	58.2	46.1
Depart. From Normal	1.8	-2.2	-4.8	-9.1	-4.1	-3.4	-1.8	-2.5	-2.2	.7	-1.8	-4.0
Precip. - Inches	4.05	4.61	6.96	1.28	2.13	2.05	5.01	3.99	3.61	4.90	3.00	3.33
Depart. From Normal	.82	2.02	4.76	-.82	-.77	-1.26	.97	.76	-.28	1.36	-.09	.36
Snowfall - Inches	6.6	23.5	37.7	22.4	7.4	.9	T	.0	.0	.0	.0	T
CENTRAL MOUNTAINS												
Av. Temp.--Degrees	41.6	25.7	19.4	16.1	30.7	43.7	55.8	63.4	67.4	69.4	61.4	47.0
Depart. From Normal	2.9	-1.6	-5.2	-9.5	-3.4	-2.9	-1.1	-2.0	-1.8	2.0	.9	-3.4
Precip. - Inches	4.14	3.98	5.10	.80	1.77	2.48	5.64	3.50	2.48	4.68	3.55	2.83
Depart. From Normal	.86	1.22	2.52	-1.54	-1.73	-1.15	1.44	-.11	-1.63	1.00	.54	-.09
Snowfall - Inches	4.9	20.3	37.5	11.6	7.6	T	.0	.0	.0	.0	.0	.2
SOUTH CENTRAL MOUNTAINS												
Av. Temp.--Degrees	43.1	27.9	20.9	18.8	34.0	47.7	56.8	66.4	69.6	71.6	65.1	49.4
Depart. From Normal	2.1	-2.2	-7.0	-10.4	-3.4	-1.7	-2.5	-1.2	-1.6	2.0	2.2	-3.2
Precip. - Inches	3.15	3.05	6.52	.72	2.36	2.40	6.50	4.63	4.07	3.53	2.96	1.98
Depart. From Normal	-.01	.17	3.80	-1.75	-1.37	-1.26	2.55	.85	.01	-.01	.19	-.74
Snowfall - Inches	6.1	13.6	55.9	19.2	14.0	.4	T	.0	.0	.0	.0	.0
SOUTHWEST PLATEAU												
Av. Temp.--Degrees	44.1	29.1	19.9	17.1	33.4	47.8	57.4	66.1	69.6	71.0	65.3	49.2
Depart. From Normal	2.5	-2.0	-8.6	-12.7	-4.7	-2.2	-2.1	-1.9	-1.8	1.2	1.8	-4.0
Precip. - Inches	2.91	3.09	5.56	.71	2.04	2.84	5.31	5.19	4.21	4.58	3.00	3.92
Depart. From Normal	-.01	.30	2.63	-1.82	-1.62	-.92	1.19	1.19	-.07	.97	.05	1.11
Snowfall - Inches	5.1	10.1	41.1	12.4	6.6	.2	.0	.0	.0	.0	.0	T
NORTHWEST PLATEAU												
Av. Temp.--Degrees	41.5	25.9	18.1	14.9	29.4	43.7	55.5	63.4	66.9	68.5	61.8	47.2
Depart. From Normal	1.9	-2.3	-6.9	-10.9	-4.9	-3.0	-1.1	-2.3	-2.3	.9	.4	-4.1
Precip. - Inches	4.50	5.19	4.67	.78	1.66	2.76	4.69	4.14	3.52	3.84	3.39	5.20
Depart. From Normal	.93	2.29	1.80	-1.72	-1.65	-1.13	.48	.13	-.73	.35	.18	1.94
Snowfall - Inches	12.7	34.8	49.6	13.9	6.8	.4	T	.0	.0	.0	.0	.1

T = Trace

USUAL PLANTING AND HARVESTING DATES FOR PRINCIPAL PENNSYLVANIA FIELD AND VEGETABLE CROPS



FRUIT REVIEW — 1978

By Chris L. Cadwallader

Unlike the previous two years, spring of 1978 arrived late as April was characterized by rain and cool temperatures. As of May 1, temperatures averaged below normal every week but two since January 1. By the week ending April 18th in 1977, weather stations in the south central fruit producing areas were reporting weekly average temperatures of 60 degrees or more with highs in the upper 80's. In 1978 these weather conditions did not occur until after May 15th. Despite the late arrival of spring weather, frost and poor to fair pollination conditions reduced the potential production of tree fruits, particularly apples and pears. Following the spectacular fruit tree bloom of May, June and July were warm and provided adequate precipitation for fruit development. Although August and September were relatively dry months, timely showers helped yield good sized high quality fruit. Harvest for most fruit crops ran one to two weeks later than normal. Production of the six major Pennsylvania fruit crops (apples, peaches, pears, sweet and tart cherries and grapes) totaled 307,150 tons in 1978. This was two percent above the 1977 total production of 300,750 tons. Sharp production declines in apples, peaches and pears were more than offset by larger cherry crops and a near record grape crop. The season average price for all fruits increased except apples and sweet cherries. The value of all utilized fruit production totaled $62,926,000, down 1 percent from the $63,395,000 total in 1977. The decreased value of apple production was primarily responsible for the overall decline.

GRAPES: Vine kill was higher than average due to the severe 77/78 winter, particularly on French Hybrids. The growing season was generally favorable with precipitation in September filling clusters of quality grapes. The 1978 production of 57,500 tons was up 92 percent from the short crop in 1977 of 30,000 tons but slightly below the record crop of 59,000 tons in 1976. The price per ton in 1978 at $232.00 was $1.00 above the 1977 price with value of production at $13,340,000 compared with $6,849,000 in 1977. Pennsylvania ranked fifth nationally in grape production.

PEARS: Production of pears in Pennsylvania during 1978 was estimated at 3,300 tons, down 30 percent from the 1977 crop of 4,700 tons. The season average price per ton was $286.00 compared with $252.00 in 1977. The value of utilized production at $944,000 was down $240,000 from the 1977 value of $1,184,000. Pennsylvania ranked sixth nationally in 1977 pear production.

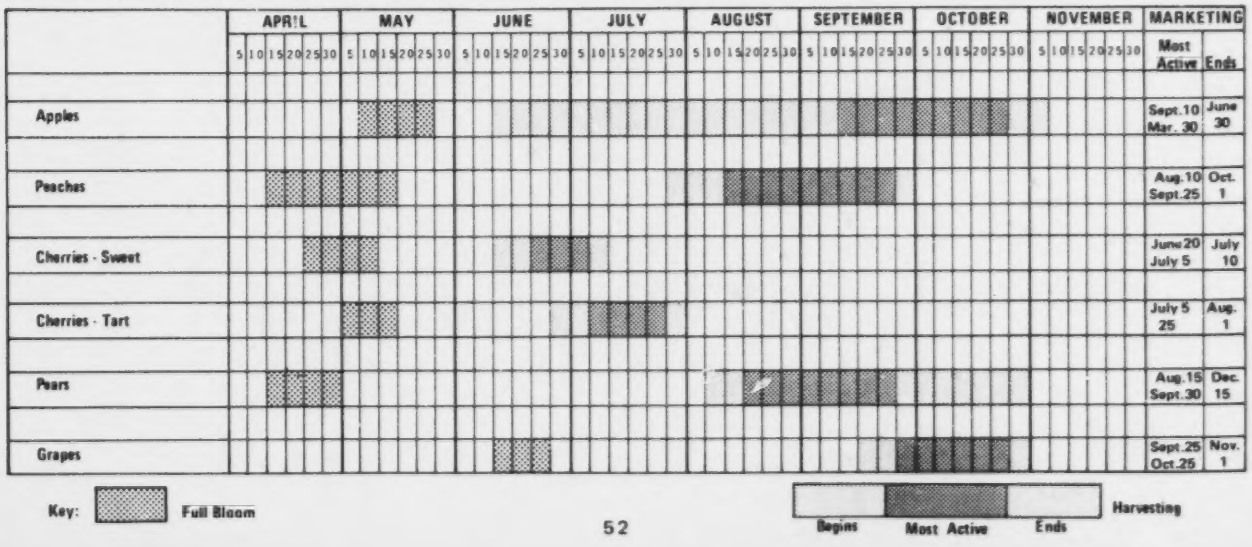
APPLES: The Commonwealth's apple production in 1978 totaled 400 million pound or 9,524,000 — 42 pound equivalents. The 1978 production was 13 percent below the 1977 crop of 460 million pounds. The season average price of apples for all uses was $3.36 per bushel, down 46 cents from the $3.82 average in 1977. The value of Pennsylvania's utilized apple production was $32,000,000, down 24 percent from 1977 crop valuation of $41,860,000. Pennsylvania was sixth in apple production among all states.

PEACHES: The 1978 peach crop was estimated at 85 million pounds, 11 percent below the 1977 production of 95 million pounds. The 1978 season average price was $7.58 per 48 pound bushel, up $1.39 per bushel from 1977. Utilized production was valued at $13,430,000, 10 percent higher than the 1977 crop value of $12,255,000. Pennsylvania ranked fourth in peach production for 1978.

TART CHERRIES: Pennsylvania tart cherry production in 1978 totaled 6.2 million pounds. This was 94 percent above the 1977 production of 3.2 million pounds. The 1978 season average price per pound at 41.7 cents was 11.9 cents higher than the 1977 price. Value of the 1978 utilized production was estimated at $2,585,000, up $1,631,000 from the 1977 crop valuation. Pennsylvania ranked fifth in tart cherry production for 1978.

SWEET CHERRIES: Sweet cherry production in the Commonwealth totaled 750 tons in 1978, up 114 percent from the small 350 ton crop in 1977. Price per ton in 1978 was $836,000, unchanged from the 1977 price. The value of utilized production for the 1978 crop was $627,000, up $334,000 from 1977. Pennsylvania ranked ninth nationally in sweet cherry production.

USUAL DATES OF FULL BLOOM, HARVEST AND MARKETING FOR PRINCIPAL PENNSYLVANIA FRUIT CROPS



GRAPES: UTILIZATION BY VARIETY OF PENNSYLVANIA GROWN GRAPES TO ALL WINERIES AND PROCESSORS, 1976-1978

Year	Concord	Catawba	Delaware	Niagara	Other Native	French Hybrids	Other Varieties	Total
				Tons				
				Wine				
1976	8,055.6	2,092.9	194.9	305.4	176.9	779.1	47.9	11,643.7
1977	4,383.2	693.1	152.7	239.5	89.2	560.0	7.9	6,125.6
1978	10,605.3	1,523.4	239.4	510.2	179.8	770.6	17.6	13,846.3
				Juice + Other				
1976	44,790.0	0.0	0.0	1,184.0	0.0	0.0	0.0	45,983.0
1977	22,103.3	0.0	0.0	473.0	0.0	(78.0)	0.0	22,654.3
1978	41,507.3	0.0	0.0	790.0	0.0	0.0	0.0	42,297.3
				Total				
1976	52,845.6	2,092.9	194.9	1,489.4	176.9	779.1	47.9	57,626.7
1977	26,486.5	693.1	152.7	712.5	89.2	638.6	7.9	28,779.9
1978	52,112.6	1,523.4	239.4	1,300.2	179.8	770.6	17.6	56,143.6

PENNSYLVANIA: GRAPES - PROCESSOR'S UTILIZATION BY VARIETIES, 1977-1978

Variety	Quantity Of Pennsylvania Grown Grapes By Variety Delivered To Wineries And Processing Plants, 1977-1978						Utilization By Variety Of Grapes Used In Pennsylvania Wineries And Processing Plants, 1977-1978					
	Pennsylvania Plants & Wineries		Out-Of-State Plants & Wineries		Total 1/		Wine		Sweet Juice & Other		Total 1/	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
					Tons							
Concord	21,409.5	38,622.6	5,155.0	13,490.0	26,564.5	52,112.6	1,143.0	2,508.9	32,829.9	57,836.2	33,972.9	60,345.1
Catawba	-2-	-2-	-2-	-2-	693.1	1,523.4	311.1	1,070.4	0.0	0.0	311.1	1,070.4
Delaware	-3-	-3-	-3-	-3-	152.7	239.4	141.7	295.5	0.0	0.0	141.7	295.5
Niagara	-4-	-4-	-4-	-4-	712.5	1,300.2	334.5	565.6	1,199.0	2,015.0	1,533.5	2,580.6
Other Native	-5-	-5-	-5-	-5-	89.2	179.8	134.2	248.7	0.0	0.0	134.2	248.7
(2+3+4+5)	1,054.5	2,478.8	593.0	764.0	1,647.5	3,242.8	-	-	-	-	-	-
French Hybrid	517.0	696.7	43.0	73.9	560.0	770.6	595.1	847.6	0.0	0.0	595.1	847.6
Other	7.9	17.6	0.0	0.0	7.9	17.6	9.7	25.6	0.0	0.0	9.7	25.6
TOTALS	22,988.9	41,815.7	5,791.0	14,327.9	28,779.9	56,143.6	2,669.3	5,562.3	34,028.9	59,851.2	36,698.2	65,413.5

1/ Excludes small amount of cullage.

PENNSYLVANIA: APPLES - PRODUCTION AND PERCENT OF TOTAL PRODUCTION BY LEADING VARIETIES, 1960-1978

Year	Total Production	York Imperial		Golden Delicious		Stayman		Rome		Red Delicious		Jonathan	
		Production	% Of Total	Production	% Of Total	Production	% Of Total	Production	% Of Total	Production	% Of Total	Production	% Of Total
						Million Pounds							
1960	322.0	71.8	22.3	31.6	9.8	57.0	17.7	41.2	12.8	32.8	10.2	19.3	6.0
1962	438.0	102.9	23.5	38.1	8.7	72.3	16.5	67.0	15.3	46.9	10.7	30.2	6.9
1963	373.0	93.3	25.0	37.3	10.0	63.4	17.0	52.2	14.0	41.0	11.0	21.3	5.7
1964	540.0	125.3	23.2	46.4	8.6	99.9	18.5	83.7	15.5	62.1	11.5	32.9	6.1
1965	500.0	118.0	23.6	50.0	10.0	93.0	18.6	67.5	13.5	57.5	11.5	29.5	5.9
1966	351.0	94.8	27.0	44.2	12.6	63.2	18.0	47.4	13.5	32.3	9.2	17.5	5.0
1967	359.0	86.2	24.0	68.6	19.1	54.2	15.1	46.7	13.0	39.8	11.1	15.4	4.3
1968	390.0	116.2	29.8	66.3	17.0	55.4	14.2	47.2	12.1	33.9	8.7	16.4	4.2
1969	535.0	149.8	28.0	96.3	18.0	85.6	16.0	68.5	12.8	54.6	10.2	21.4	4.0
1970	540.0	152.3	28.2	93.3	18.2	85.9	15.9	65.3	12.1	61.0	11.3	21.6	6.0
1971	540.0	131.2	24.3	97.7	18.1	85.3	15.8	63.7	11.8	72.4	13.4	20.0	3.7
1972	400.0	97.6	24.4	74.8	18.7	57.6	14.4	53.6	13.4	57.6	14.4	12.8	3.2
1973	500.0	139.0	27.8	91.5	18.3	73.0	14.6	66.5	13.3	67.5	13.5	17.0	3.4
1974	480.0	115.2	24.0	82.1	17.1	72.0	15.0	55.7	11.6	79.2	16.5	17.3	3.6
1975	550.0	137.5	25.0	96.2	17.5	83.1	15.1	73.7	13.4	82.5	15.0	17.6	3.2
1976	360.0	73.8	20.5	81.0	22.5	50.4	14.0	50.4	14.0	54.0	15.0	14.0	3.9
1977	460.0	114.5	24.9	91.1	19.8	62.6	13.6	61.2	13.3	72.2	15.7	16.6	3.6
1978	400.0	95.5	23.9	82.0	20.5	52.0	13.0	58.0	14.5	54.0	13.5	16.5	4.1

PENNSYLVANIA: FRUIT CROPS - PRODUCTION, DISPOSITION AND VALUE, 1960-1978

Year	Production		Utilization					Price Per Unit 1/	Value Of Utilized Production
			Processed						
	Total	Utilized	Fresh	Canned	Juice	Other	All Processed		
			Apples (Million Lbs.)					$/Lb.	Thous Dols
1960	322.0	322.0	150.4	125.4	2/	46.2	171.6	.039	12,526
1965	500.0	493.4	133.4	290.4	2/	69.6	360.0	.033	16,430
1970	540.0	510.0	195.0	225.1	78.9	11.0	315.0	.038	19,329
1973	500.0	500.0	186.9	250.1	50.1	12.9	313.1	.087	43,500
1974	480.0	480.0	168.1	222.1	62.7	27.1	311.9	.083	39,840
1975	550.0	503.5	228.2	201.5	62.2	11.6	275.3	.059	29,707
1976	360.0	359.0	151.5	128.5	69.2	9.8	207.5	.083	29,797
1977	460.0	460.0	166.1	186.9	89.9	17.1	293.9	.091	41,860
1978	400.0	400.0	158.9	151.8	70.3	19.0	241.1	.089	35,600
			Peaches (Million Lbs.)					$/Lb.	
1960	139.2	139.2	115.2	-	-	-	24.0	.045	6,236
1965	110.4	105.1	88.5	-	-	-	16.6	.052	5,413
1970	84.0	84.0	74.0	-	-	-	10.0	.077	6,468
1973	81.0	81.0	70.3	-	-	-	10.7	.113	9,153
1974	100.0	100.0	86.4	-	-	-	13.6	.118	11,800
1975	90.0	90.0	83.4	-	-	-	6.6	.122	10,980
1976	90.0	90.0	81.8	-	-	-	8.2	.130	11,700
1977	95.0	95.0	88.4	-	-	-	6.6	.129	12,255
1978	85.0	85.0	70.4	-	-	-	14.6	.158	13,430
			Pears (Tons)					$/Ton	
1960	2,750	2,750	-	-	-	-	-	102	280
1965	3,300	3,300	-	-	-	-	-	141	465
1970	4,100	4,100	-	-	-	-	-	153	627
1973	1,900	1,900	-	-	-	-	-	230	437
1974	4,100	4,100	-	-	-	-	-	235	964
1975	4,500	4,500	-	-	-	-	-	216	972
1976	3,700	3,700	-	-	-	-	-	232	859
1977	4,700	4,700	-	-	-	-	-	252	1,184
1978	3,300	3,300	-	-	-	-	-	286	944
			Tart Cherries (Million Lbs.)					$/Lb.	
1960	18.0	18.0	-	-	-	-	-	.084	1,512
1965	25.0	24.4	-	-	-	-	-	.056	1,366
1970	14.0	14.0	.5	5.5	-	-	13.5	.078	1,092
1973	6.3	6.3	.4	4.7	-	-	5.9	.198	1,247
1974	13.1	13.1	.9	-	-	-	12.2	.198	2,594
1975	12.6	11.5	1.1	6.8	-	-	10.4	.114	1,311
1976	7.6	7.6	1.0	-	-	-	6.6	.258	1,961
1977	3.2	3.2	.5	-	-	-	2.7	.298	954
1978	6.2	6.2	.8	-	-	-	5.4	-	-
			Sweet Cherries (Tons)					$/Ton	
1960	500	500	-	-	-	-	-	370	185
1965	1,200	1,180	-	-	-	-	-	306	361
1970	600	600	-	-	-	-	-	500	300
1973	660	660	-	-	-	-	-	640	422
1974	730	730	-	-	-	-	-	700	511
1975	860	860	-	-	-	-	-	730	628
1976	460	460	-	-	-	-	-	792	364
1977	350	350	-	-	-	-	-	836	293
1978	750	750	-	-	-	-	-	836	627
			Grapes (Tons)					$/Ton	
1960	33,500	33,500	1,940	-	-	-	31,560	119	3,986
1965	49,000	45,000	2,500	-	-	-	42,500	131	5,895
1970	45,000	45,000	1,800	-	36,320	-	43,200	147	6,615
1973	40,000	40,000	2,390	-	33,367	-	37,610	221	8,840
1974	53,000	53,000	1,275	-	42,217	-	51,725	198	10,494
1975	48,000	48,000	1,660	-	39,250	-	46,340	168	8,064
1976	59,000	59,000	1,350	-	46,270	-	57,650	168	9,912
1977	30,000	29,650	1,350	-	23,350	-	28,300	231	6,849
1978	57,500	57,500	1,300	-	42,300	-	56,200	232	13,340

1/ Fresh and processing prices combined. 2/ Juice included in "other".

PENNSYLVANIA: APPLES AND PEACHES - PRODUCTION AND VALUE, 1978 - REVISED PRODUCTION, 1977

	Apples			Peaches		
	1977	1978		1977	1978	
	Revised Production	Preliminary Production	Value Of Production	Revised Production	Preliminary Production	Value Of Production
	42 Lb. Equivalents		Dollars	42 Lb. Equivalents		Dollars
Crawford	14,300	12,400	46,300	-	-	-
Erie	365,800	318,100	1,189,000	37,600	33,600	255,200
Forest	-	-	-	-	-	-
Mercer	15,300	13,300	49,900	7,900	7,100	53,700
Venango	29,600	25,700	96,100	-	-	-
Warren	-	-	-	-	-	-
NORTHWESTERN, TOTAL	425,000	369,500	1,381,300	45,500	40,700	308,900
Bradford	35,000	30,500	113,900	2,000	1,800	13,400
Cameron	-	-	-	-	-	-
Clinton	5,500	4,800	17,800	-	-	-
Elk	2,200	1,900	7,100	-	-	-
Lycoming	85,400	74,300	277,700	7,900	7,100	53,800
McKean	1,100	900	3,600	-	-	-
Potter	1,100	900	3,600	-	-	-
Sullivan	-	-	-	-	-	-
Tioga	9,900	8,600	32,000	-	-	-
NORTH CENTRAL, TOTAL	140,200	121,900	455,700	9,900	8,900	67,200
Lackawanna	34,000	29,500	110,400	-	-	6,600
Susquehanna	13,100	11,400	42,700	-	-	200
Wayne	5,500	4,800	17,800	-	-	-
Wyoming	35,000	30,500	113,900	-	-	6,600
NORTHEASTERN, TOTAL	87,600	76,200	284,800	2,000	1,800	13,400
Armstrong	30,700	26,700	99,700	5,900	5,300	40,300
Beaver	40,500	35,200	131,700	3,900	3,500	26,900
Butler	9,900	8,600	32,000	-	-	-
Clarion	18,600	16,200	60,500	-	-	-
Indiana	55,800	48,600	181,600	2,000	1,800	13,400
Jefferson	3,300	2,900	10,700	2,000	1,800	13,400
Lawrence	21,900	19,000	71,200	4,000	3,500	26,900
WEST CENTRAL, TOTAL	180,700	157,200	587,400	17,800	15,900	120,900
Blair	179,600	156,200	583,800	9,900	8,900	67,200
Cambria	5,500	4,800	17,800	-	-	-
Centre	83,200	72,400	270,500	2,000	1,800	13,400
Clearfield	25,200	21,900	81,900	-	-	-
Columbia	44,900	39,000	146,000	17,800	15,900	120,900
Dauphin	60,200	52,400	195,800	19,800	17,700	134,300
Huntingdon	7,700	6,700	24,900	2,000	1,800	13,400
Juniata	125,900	109,500	409,400	47,500	42,500	322,300
Mifflin	23,000	20,000	74,800	2,000	1,800	13,400
Montour	8,800	7,600	28,500	2,000	1,800	13,400
Northumberland	66,800	58,100	217,100	11,900	10,600	80,600
Perry	17,500	15,200	57,000	5,900	5,300	40,300
Snyder	205,900	179,100	669,300	37,600	33,600	255,200
Union	8,800	7,600	28,500	5,900	5,300	40,300
CENTRAL, TOTAL	863,000	750,500	2,805,300	164,300	147,000	1,114,700
Carbon	14,200	12,400	46,300	2,000	1,800	13,400
Lehigh	520,200	452,400	1,691,000	120,700	108,000	819,200
Luzerne	47,100	40,900	153,100	5,900	5,300	40,300
Monroe	4,400	3,800	14,200	-	-	-
Northampton	131,400	114,300	427,200	31,700	28,300	214,900
Pike	2,200	1,900	7,100	-	-	-
Schuylkill	100,800	87,600	327,500	13,900	12,400	94,000
EAST CENTRAL, TOTAL	820,300	713,300	2,666,400	174,200	155,800	1,181,800
Allegheny	182,900	159,100	594,500	5,900	5,300	40,300
Fayette	2,200	1,900	7,100	-	-	-
Greene	3,300	2,900	10,700	-	-	-
Somerset	23,000	20,000	74,800	-	-	-
Washington	84,300	73,300	274,100	5,900	5,300	40,300
Westmoreland	21,900	19,000	71,200	2,000	1,800	13,400
SOUTHWESTERN, TOTAL	317,600	276,200	1,032,400	13,800	12,400	94,000
Adams	4,743,300	4,124,800	15,418,400	587,900	526,000	3,988,700
Bedford	262,900	228,600	854,400	5,900	5,300	40,300
Cumberland	262,800	228,600	854,400	39,600	35,400	268,600
Franklin	1,530,000	1,330,500	4,973,300	451,100	403,800	3,062,000
Fulton	3,300	2,900	10,700	7,900	7,100	53,700
York	404,100	351,400	1,313,600	213,700	191,300	1,450,500
SOUTH CENTRAL, TOTAL	7,206,400	6,266,800	23,424,800	1,306,100	1,168,900	8,863,800
Berks	443,600	385,700	1,441,800	93,000	83,200	631,200
Bucks	98,600	85,700	320,400	27,700	24,800	188,000
Chester	158,800	138,100	516,200	21,800	19,500	147,700
Delaware	19,700	17,200	64,100	9,900	8,900	67,200
Lancaster	108,400	94,300	352,400	69,300	62,000	470,000
Lebanon	33,900	29,500	110,400	9,900	8,800	67,200
Montgomery	48,200	41,900	156,600	13,800	12,400	94,000
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	911,200	792,400	2,961,900	245,400	219,600	1,665,300
PENNSYLVANIA	10,925,000	9,524,000	35,600,000	1,979,000	1,771,000	13,430,000

1978 COMMERCIAL VEGETABLE PRODUCTION

By J. Neil Woodward

PENNSYLVANIA vegetable growers experienced a late spring in 1978. Most crops were slower than usual in development but the condition of crops was good. Harvesting was late on most crops. Crop yields were generally good and prices remained near the previous year's level or higher.

PRODUCTION: The combined production of principal fresh market and processing vegetables for 1978 is estimated at 181,000 tons, down 18 percent from 1977 and down 27 percent from 1976. Fresh market production was down 4 percent, and processing sector was down 26 percent from the previous year. Snap bean production for fresh market remained about the same, but the production for processing increased 6 percent from 1977. Sweet corn production for fresh market decreased 13 percent from the previous year while the production for processing increased 1 percent. Total production of fresh and processed cabbage, combined, increased 6 percent from 1977. Fresh market tomato production decreased two percent while processed tomatoes decreased by 33 percent. Strawberry production for 1978 decreased 30 percent.

YIELD: Tomatoes for fresh market yielded at record levels in 1978. The fresh market tomato yield of 14,000 pounds per acre was up 8 percent from the previous record crop in 1977. The processing tomato yield of 19.51 tons per acre decreased 1 percent from the 1977 yield. The 1978 yield of summer cabbage decreased 16 percent from 1977 while fall cabbage yield increased 29 percent. Fresh market yields for snapbeans remained the same from last year while processed snap bean yields increased 11 percent. Sweet corn yields declined in fresh market by 18 percent and rose in the processing sector by 15 percent.

ACREAGE: Total vegetable acreage planted declined 10 percent and acres harvested declined by 6 percent from 1977. Acres harvested in fresh market increased by 4 percent but harvested acres for processed vegetables declined 16 percent in 1978.

VALUE: The combined value of both fresh market and processing vegetables at $24,193,000 increased 10 percent from the 1977 crop. The fresh market sector received $16,303,000 for the 1978 crop, up 38 percent from 1977. Processing vegetables were valued at $7,890,000 (at processing plant door), down 23 percent. The prices of all vegetables were up except for snap beans sold for processing which was down slightly.

PENNSYLVANIA: TOTAL PRINCIPAL VEGETABLES, FRESH AND PROCESSING, 1963-1978

Year	Fresh				Processing				Total			
	Acreage		Production	Value	Acreage		Production	Value	Acreage		Production	Value
	Planted	Harvested			Planted	Harvested			Planted	Harvested		
			Thous. Cwt.	Thous. Dols			Thous. Tons	Thous. Dols			Thous. Cwt.	Thous. Dols
1963	28,540	27,390	2,124	8,583	30,250	28,470	152	5,934	58,790	55,860	5,164	14,517
1964	27,200	26,200	1,865	8,453	33,600	32,380	169	6,651	60,800	58,580	5,245	15,104
1965	26,940	26,040	1,859	8,417	35,900	35,020	189	7,530	62,840	61,060	5,639	15,947
1966	25,070	23,420	1,569	9,070	36,440	30,620	137	5,974	61,510	54,040	4,309	15,044
1967	23,530	21,630	1,844	8,986	36,740	34,560	222	10,367	60,270	56,190	6,284	19,353
1968	21,580	20,710	1,700	9,367	44,100	40,850	245	11,110	65,680	61,560	6,600	20,477
1979	20,180	19,380	1,581	8,600	31,040	28,770	190	8,374	51,220	48,150	5,381	16,974
1970	18,830	18,030	1,609	8,497	27,550	26,520	203	8,888	46,380	44,550	5,669	17,385
1971	18,470	17,670	1,614	9,474	27,600	26,700	169	7,753	46,090	44,390	4,994	17,227
1972	18,190	17,390	1,384	10,278	26,660	23,060	105	5,031	44,850	40,450	3,484	15,309
1973	18,120	17,620	1,342	10,643	24,110	23,160	133	6,942	42,230	40,780	4,002	17,585
1974	17,840	17,640	1,440	11,548	23,770	22,280	143	11,300	41,610	39,920	4,300	22,848
1975	17,230	16,670	1,706	13,422	23,440	22,170	147	11,577	40,670	38,840	4,646	24,999
1976	17,880	17,360	1,753	13,983	19,410	18,960	162	11,361	37,290	36,320	4,985	25,344
1977	18,380	16,570	1,529	11,829	18,770	17,770	145	10,210	37,150	34,340	4,423	22,039
1978	17,970	17,260	1,464	16,303	15,340	14,940	108	7,890	33,310	32,20	3,620	24,193

PENNSYLVANIA: PRINCIPAL VEGETABLES FOR FRESH MARKET, 1974-1978

Crop & Seasonal Group	Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Farm Value 1/	
						Per Cwt.	Total
				Cwt.	Thous Cwt.	Dols.	Thous Dols
Snap Beans (Summer).....	1974	700	700	55	39	18.50	722
	1975	700	690	51	35	18.90	662
	1976	730	710	52	37	19.00	703
	1977	710	700	53	37	18.90	699
	1978	710	700	53	37	23.20	858
Cabbage (Summer).....	1974	1,700	1,700	210	357	4.39	1,566
	1975	1,600	1,600	230	368	4.31	1,586
	1976	1,500	1,500	210	315	4.55	1,432
	1977	1,500	1,500	250	375	4.95	1,855
	1978	1,700	1,600	210	336	7.64	2,568
Cabbage (Fall).....	1974	1,200	1,200	210	252	4.45	1,121
	1975	1,200	1,000	230	230	5.60	1,288
	1976	1,200	1,000	230	230	5.31	1,221
	1977	1,200	1,000	170	170	4.91	835
	1978	1,300	1,100	220	242	6.59	1,595
Sweet Corn.....	1974	12,000	12,000	55	660	8.00	5,280
	1975	11,400	11,100	80	888	8.30	7,370
	1976	12,200	11,900	77	916	8.50	7,786
	1977	12,600	11,100	60	666	8.02	5,341
	1978	12,000	11,800	49	578	9.11	5,266
Tomatoes (Summer).....	1974	2,500	2,300	110	253	12.00	3,033
	1975	2,500	2,450	105	257	10.30	2,637
	1976	2,300	2,300	120	276	10.60	2,926
	1977	2,400	2,300	130	299	10.50	3,140
	1978	2,300	2,100	140	294	20.70	6,086
Strawberries (Spring).....	1974	1,100	1,100	37	41	51.90	2,128
	1975	1,000	1,000	37	37	51.30	1,898
	1976	1,100	1,100	34	34	53.60	1,983
	1977	1,100	1,100	36	40	60.90	2,436
	1978	960	900	31	28	65.70	1,840

PENNSYLVANIA: PRINCIPAL VEGETABLES FOR PROCESSING, 1974-1978

Crop	Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Value At Processing Plant Door 1/	
						Per Ton	Total
				Tons	Tons	Dols	Thous. Dols
Beans, Snap.....	1974	6,600	6,000	2.51	15,050	160.00	2,408
	1975	6,700	6,100	1.89	11,500	181.00	2,082
	1976	5,300	5,300	2.27	12,050	145.00	1,747
	1977	5,500	5,000	2.07	10,350	162.00	1,681
	1978	5,000	4,800	2.29	11,000	157.00	1,721
Sweet Corn.....	1974	7,300	6,900	3.57	24,650	54.10	1,334
	1975	6,300	6,000	3.33	20,000	58.60	1,172
	1976	5,200	5,100	3.42	17,450	50.50	882
	1977	5,300	5,000	3.34	16,700	49.40	825
	1978	4,500	4,400	3.84	16,900	42.80	723
Tomatoes.....	1974	6,700	6,600	14.08	92,950	70.40	6,544
	1975	7,200	7,000	15.44	108,100	67.40	7,286
	1976	6,500	6,200	20.40	126,500	61.00	7,717
	1977	6,000	5,800	19.70	114,250	62.00	7,084
	1978	4,000	3,900	19.51	76,100	64.00	4,870
Peas, Green 3/.....	1978	1,400	1,400	1.29	1,800	189.00	340
Other Processing Vegetables 2/.....	1974	3,170	2,780	-	10,000	-	1,014
	1975	3,240	3,070	-	7,250	-	1,037
	1976	2,410	2,360	-	5,550	-	1,015
	1977	1,970	1,970	-	3,350	-	620
	1978	440	440	-	2,000	-	236

1/ Value of fresh vegetables represents F.O.B farm value and processing vegetables represents plant door value.
2/ Lima beans, cabbage, cucumbers and peas for processing are included in "Other Processing Vegetables."
3/ No estimates were made for Green Peas prior to 1978.

MUSHROOMS

By J. Neil Woodward

PENNSYLVANIA RECORDS RECORD HIGH MUSHROOM PRODUCTION: Pennsylvania, the long-standing leader in mushroom production, had a record 220.1 million pound crop of mushrooms during the 1977-78 production year, up 11 percent from the previous year's total of 198.6 million pounds. The Commonwealth's current crop represents 55 percent of the U.S. total, and continues the annual uptrend in production since the estimates were begun for the 1966-67 crop year, at which time Pennsylvania produced 98.0 million pounds, 59 percent of the U.S. total. Fresh market sales during the 1977-78 season totaled 75.3 million pounds, up 20 percent from the previous season. Value of fresh sales at $63.9 million was up 24 percent. A total of 144.8 million pounds was sold to processors during the 1977-78 season, up 7 percent. Value of sales to processors at $95.1 million was up 11 percent. Total 1977-78 sales at $159.0 million was up 16 percent from a year earlier. Pennsylvania growers used 73.9 million square feet to produce the 1977-78 crop, up 10 percent from the 1976-77 total of 67.1 million square feet. They intend to use 74.9 million square feet for the 1978-79 crop, up 1 percent from the 1977-78 total production area.

Mushroom production in the United States reached a record high during the 1977-78 season at 399 million pounds, 15 percent above the 1976-77 crop and 29 percent more than the 1975-76 crop. This year's survey includes growers with production in 27 states compared with 24 a year earlier. Georgia had no production while Connecticut, Iowa, Tennessee and Virginia began production during the year. The crop is valued at $308 million, up 20 percent from the 1976-77 season. Growers averaged 77.1 cents per pound compared with 73.7 cents a year ago. Fresh market sales increased to 191 million pounds this year, up 26 percent from the 1976-77 season and accounted for 48 percent of the U.S. production. The fresh price averaged 90.1 cents per pound, an increase of 7.7 cents over the previous season. Processor usage of 208 million pounds was up 6 percent. Processing prices averaged 65.2 cents per pound in 1977-78. Growers used 135 million square feet of bed and tray area to produce the 1977-78 crop, up 15 percent from the previous season. Yields averaged 2.95 pounds per square foot, slightly above the 1976-77 yield. An estimated 150 million square feet of production area is intended for the 1978-79 crop, an 11 percent increase. If growers' current plans are carried out, first filling will be up 3 percent, second filling will be up 4 percent and additional fillings will increase 25 percent.

PENNSYLVANIA AND UNITED STATES: SALES BY TYPE AND PERCENT OF TOTAL, 1966-1978

Year	Pennsylvania					United States				
	Fresh Market		Processing		Total Production	Fresh Market		Processing		Total Production
	Volume Of Sales	Percent	Volume Of Sales	Percent		Volume Of Sales	Percent	Volume Of Sales	Percent	
	1,000 Pounds									
1966-67	23,520	24	74,480	76	98,000	41,951	25	122,964	75	164,915
1967-68	27,120	24	85,880	76	113,000	47,611	26	132,980	74	180,591
1968-69	32,392	27	88,608	73	121,000	56,024	30	132,783	70	188,807
1969-70	39,262	32	83,431	68	122,693	62,115	32	131,764	68	193,879
1970-71	32,402	25	96,178	75	128,580	58,269	28	148,541	72	206,810
1971-72	34,841	25	105,647	75	140,488	66,323	29	165,050	71	231,373
1972-73	34,664	24	110,984	76	145,648	76,728	30	177,274	70	254,002
1973-74	46,336	28	117,684	72	164,020	102,293	37	177,200	63	279,493
1974-75	59,486	33	119,136	67	178,622	126,118	42	172,963	58	299,081
1975-76	64,590	36	114,327	64	178,917	142,121	46	167,695	54	309,816
1976-77	62,783	32	135,823	68	198,606	151,247	44	195,882	56	347,129
1977-78	75,260	34	144,798	66	220,058	191,080	48	207,623	52	398,703

PENNSYLVANIA AND OTHER STATES: AREA, PRODUCTION, PRICE AND VALUE

State	Area In Production				Production	Price Per Pound	Value Of Production
	First Filling	Second Filling	Additional Fillings	Total			
	1,000 Sq. Ft.				1,000 Lbs.	Cents	1,000 Dols.
	July 1, 1977 - June 30, 1978						
Pennsylvania	26,586	25,429	21,198	73,933	220,058	72.3	159,058
Other States	18,712	18,108	24,348	61,168	178,645	83.1	148,530
United States	45,298	43,537	46,266	135,101	398,703	77.1	307,588
	July 1, 1976 - June 30, 1977						
Pennsylvania	24,050	22,908	20,099	67,057	198,606	69.0	137,017
Other States	14,113	13,745	22,777	50,635	148,523	79.9	118,661
United States	38,163	36,653	42,876	117,692	347,129	73.7	255,678

PENNSYLVANIA AND OTHER STATES: BED OR TRAY AREA TO BE IN PRODUCTION JULY 1, 1978 TO JUNE 30, 1979

State	Intentions July 1978 - June 1979				Intentions As Percent Of 1977 - 1978			
	First Filling	Second Filling	Additional Fillings	Total	First Filling	Second Filling	Additional Fillings	Total
	1,000 Square Feet				Percent			
Pennsylvania	26,570	25,543	22,822	74,935	100	100	104	101
Other States	20,206	19,750	34,886	74,842	108	109	143	122
United States	46,776	45,293	57,708	149,777	103	104	125	111

FLOWERS AND FOLIAGE PLANTS

By James P. Liles

The 1978 wholesale value of sales by commercial flower and foliage plant producers in Pennsylvania totaled $35,811,000. A commercial producer is defined as one who had $10,000 or more in gross sales of cut flowers, flowering and foilage plants, bedding plants or cultivated florist greens and who produced one or more of the crops surveyed.

The wholesale value of cut flower sales (carnations, mums, roses and snapdragons) totaled $15,145,000 — 42% of total. Potted plants sales (mums, poinsettias, geraniums, lillies and hydrangeas) totaled $8,826,000 — 25% of total; and flowering and vegetable plant sales totaled $4,420,000 — 12% percent of total. The net wholesale value (gross value less cost of plant material purchased from other growers for growing on) of foilage plants totaled $7,420,000 — 21% of total sales.

The derived wholesale value per square foot of the estimated 12,282,000 square feet in production during 1977 was $2.92 per square foot. The derived value by crops was: carnations, standard — $2.17, minature — $4.47; chrysanthemums, standard — $2.83, pompon — $1.03; roses, hybrid tea — $5.11, sweetheart — $5.74; snapdragons — $1.13; potted mums — $3.56; geraniums — $1.91; hydrangeas — $2.85; lillies — $3.39; poinsettas — $1.79; foliage plants — $5.95; and bedding plants, flowering — $2.00; vegetable — $2.26 per square foot.

Pennsylvania ranks second nationally in wholesale value of hybrid tea and sweetheart roses; third for cut carnations, standard and pompon mums, and snapdragons; fifth for potted geraniums, foliage plants; sixth for potted lillies and potted poinsettias.

Pennsylvania growers reported their 1979 intentions to decrease standard carnation footage by 1 percent and reduce miniature carnations by 13 percent. Changes for other crops are standard mums up 3 percent, pompon mums down 28 percent, snapdragons unchanged, potted mums up 2 percent, potted geraniums up 5 percent, potted hydrangeas up 6 percent, potted lillies down 2 percent, potted poinsettias up 2 percent, foliage plants up 1 percent, bedding plants and flowering up 2 percent and vegetable up 3 percent. Rose production is expected to be unchanged for hybrid tea and sweetheart roses.

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS, AND BEDDING PLANTS, 1977-1978

Flowers, Foliage Plants & Bedding Plants	Producers		Area For Production			
	1977	1978	1977	1978	Intended 1979	1979 As % Of 1978
	Number		1,000 Sq. Ft.			Percent
Carnations, Standard....	73	68	444	506	503	99
Miniatures..	26	27	60	60	52	87
Standard Mums.....	134	125	1,080	733	758	103
Pompon Mums.....	128	124	1,250	1,639	1,175	72
Roses, Hybrid Tea.....	24	19	1/	1,399	1,399	100
Miniatures.....	22	19	1/	450	450	100
Snapdragons.....	75	70	298	247	247	100
Potted Mums.....	127	110	715	719	731	102
Potted Poinsettias.....	153	150	1,388	1,59[illegible]	1,617	102
Potted Geraniums.....	187	193	1,209	1,244	1,308	105
Potted Lilies.....	113	114	248	253	247	98
Potted Hydrangeas.....	30	26	107	[illegible]	70	106
Foliage Plants.....	77	89	1,248	1,251	1,264	101
Bedding Plants,						
Flowering.....	161	172	1,343	1,469	1,500	102
Vegetable.....	131	154	575	655	673	103
TOTAL.....	268	265	11,814	12,282	11,994	98

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS & BEDDING PLANTS, 1977-1978

Flowers, Foliage Plants & Bedding Plants	Sales			% Of Sales At Wholesale		Wholesale Price		Value Of Sales At Wholesale 2/	
	Units	1977	1978	1977	1978	1977	1978	1977	1978
				Percent		Dollars		Dollars	(Thousand)
Carnations, Standard....	1,000 Blooms	7,725	7,477	78	86	.129	.147	997	1,099
Miniatures..	1,000 Bunches	112	119	71	73	2.57	2.25	288	268
Standard Mums.....	1,000 Blooms	5,852	4,180	68	58	.379	.497	2,218	2,077
Pompon Mums.....	1,000 Bunches	1,186	1,548	67	80	1.16	1.09	1,376	1,687
Roses, Hybrid Tea.....	1,000 Blooms	21,233	20,909	95	97	.297	.342	6,306	7,151
Miniatures.....	1,000 Blooms	13,930	12,018	88	98	.173	.215	2,410	2,584
Snapdragons.....	1,000 Stems	1,351	1,273	49	60	.175	.219	236	279
Potted Mums.....	1,000 Pots	1,157	996	83	92	2.38	2.57	2,754	2,560
Potted Poinsettias.....	1,000 Pots	1,122	1,248	73	82	2.54	2.28	2,850	2,845
Potted Geraniums.....	1,000 Pots	2,756	3,126	69	74	.69	.76	1,902	2,376
Potted Lilies.....	1,000 Pots	373	354	72	77	2.32	2.42	865	857
Potted Hydrangeas.....	1,000 Pots	98	67	78	92	2.61	2.80	256	188
Foliage Plants.....		-	-	76	83	-	-	7,758 3/	7,420 3/
Bedding Plants,									
Flowering.....	1,000 Flats	662	756	60	69	4.02	3.89	2,661	2,941
Vegetable.....	1,000 Flats	290	344	67	69	4.31	4.30	1,250	1,479
TOTAL.....		-	-	-	-	-	-	34,127	35,811

1/ Data for 1977 are not available. 2/ Equivalent wholesale value of all sales. 3/ Gross value of sales less cost of plant material purchased from other growers for growing on.

PRICES AND INCOME REVIEW – 1978

By Ronald H. Freeman

Prices Received by Pennsylvania farmers during 1978 were generally higher than those of 1977. Cash grain prices were mostly below 1977, excluding wheat which showed a 38 percent price increase above the previous year. Fruit and hay prices were below 1977, while prices received for potatoes were unchanged. All livestock items showed price increases compared with 1977.

Prices paid by farmers for production items during 1978 were comparable to 1977 prices with small fluctuations in both directions for livestock feed items.

The preliminary estimates of 1978 farm marketings in Pennsylvania total $2.2 billion. This is 13 percent above the 1977 $1.9 billion marketings. Receipts from the sale of livestock and livestock products during 1978 totaled $1.5 billion, up 13 percent from 1977. Receipts from the sale of crops totaled $685 million during 1978, up 14 percent from the 1977 crop receipts. Livestock and livestock product sales accounted for 68 percent of the total $2.2 billion.

PENNSYLVANIA: PRICES RECEIVED BY FARMERS, MONTHLY, 1978

Commodity	Unit	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
							Dollars						
Corn	Bu.	2.27	2.29	2.43	2.51	2.72	2.68	2.49	2.35	2.27	2.20	2.20	2.45
Oats	Bu.	1.65	1.54	1.60	1.61	1.65	1.64	1.43	1.32	1.36	1.41	1.47	1.43
Barley	Bu.	2.18	2.05	2.08	2.12	2.02	1.85	1.69	1.73	1.74	1.80	1.90	1.95
Wheat	Bu.	2.79	2.70	2.76	2.90	2.54	3.24	3.16	3.15	3.40	3.68	3.89	3.85
Potatoes	Cwt.	5.00	4.90	4.70	4.50	4.50	-	-	5.40	4.35	4.20	4.65	4.65
Alfalfa Hay	Ton	88.00	93.00	95.00	98.00	100.00	86.50	71.50	70.50	70.00	73.00	71.50	71.00
Hay, All Baled	Ton	80.00	85.00	86.50	85.50	86.50	74.00	62.00	61.50	61.00	63.00	62.00	61.50
Apples (Fresh Market)	Cwt.	13.50	16.40	17.20	17.60	15.80	20.20	14.20	14.40	13.30	12.60	13.90	14.30
Hogs	Cwt.	40.90	44.60	47.60	46.20	44.40	47.10	47.60	44.60	46.50	48.00	50.30	47.20
Steers & Heifers	Cwt.	41.70	44.20	46.90	50.70	53.20	54.80	53.50	49.90	53.20	53.50	51.90	54.50
Cows, Slaughter	Cwt.	28.60	31.10	33.50	37.10	39.60	39.40	40.10	36.20	39.20	39.60	41.10	41.60
Calves	Cwt.	50.00	50.70	53.90	59.80	69.20	65.30	62.60	66.40	68.40	75.90	78.00	75.50
Sheep	Cwt.	16.00	17.70	16.80	16.90	17.60	17.60	18.90	20.20	25.80	25.60	17.90	22.90
Lambs	Cwt.	58.20	57.60	90.70	79.90	71.70	58.70	53.40	55.50	58.40	58.10	56.90	60.40
Milk Cows	Head	680.00	685.00	690.00	690.00	720.00	750.00	740.00	730.00	760.00	820.00	820.00	830.00
Broilers & Roasters	Lb.	.235	.265	.265	.280	.285	.310	.335	.275	.280	.265	.260	.260
Turkeys	Lb.	.450	.450	.420	.430	.440	.440	.430	.470	.500	.500	.500	.500
Milk (Wholesale)	Cwt.	10.90	10.90	10.90	10.60	10.50	10.60	10.70	11.10	11.40	11.70	12.10	12.40
Eggs	Doz.	.466	.524	.543	.524	.467	.415	.445	.507	.508	.511	.539	.583

PENNSYLVANIA: SEASON AVERAGE PRICES RECEIVED BY FARMERS, 1968-1978

Item	Unit	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
							Dollars					
Corn	Bu.	1.25	1.37	1.51	1.30	1.80	2.68	3.07	2.60	2.37	2.32	2.45
Oats	Bu.	.71	.73	.78	.79	.90	1.34	1.65	1.53	1.64	1.47	1.45
Barley	Bu.	.84	.90	.96	1.03	1.02	1.65	2.01	1.73	2.01	1.93	1.80
Wheat	Bu.	1.14	1.27	1.42	1.48	1.56	3.19	3.63	2.99	3.00	2.40	3.30
Potaotes	Cwt.	2.60	3.19	2.65	2.72	4.20	6.15	3.90	5.75	5.00	4.70	4.70
Hay, All Baled	Ton	27.50	29.00	30.00	31.00	40.00	40.50	45.00	53.00	58.00	75.00	62.00
Apples, All	Lb.	.046	.037	.038	.039	.054	.086	.083	.059	.083	.091	.080
Apples, (Fresh Market)	Lb.	.091	.061	.064	.071	.084	.120	.128	.098	.121	.143	.142
Hogs	Cwt.	19.70	22.50	23.90	18.50	26.20	39.80	35.10	46.10	44.30	39.10	46.30
Steers & Heifers	Cwt.	25.00	28.30	28.90	30.30	34.30	44.40	39.60	40.30	37.00	37.70	50.80
Cows, Slaughter	Cwt.	17.70	19.30	21.00	21.70	25.30	33.60	28.10	21.60	26.10	25.70	36.90
Calves	Cwt.	33.90	36.80	39.20	40.50	50.90	62.10	47.60	35.40	42.40	45.70	64.30
Sheep	Cwt.	7.00	7.60	7.60	6.90	8.30	14.80	13.20	13.30	13.80	14.30	19.80
Lambs	Cwt.	24.10	26.40	27.20	24.80	28.90	39.30	39.20	42.00	48.70	48.30	70.00
Milk Cows	Head	336.00	355.00	412.00	486.00	500.00	609.00	621.00	533.00	638.00	662.00	743.00
Farm Chickens	Lb.	.104	.126	.123	.110	.145	.206	.170	.206	.235	.199	.208
Broilers & Roasters	Lb.	.162	.169	.156	.160	.164	.275	.293	.315	.267	.252	.273
Turkeys	Lb.	.241	.253	.254	.250	.252	.360	.335	.373	.380	.402	.474
Milk (Wholesale, Blend)	Cwt.	5.87	6.16	6.42	6.47	6.77	7.86	8.88	9.25	10.40	10.40	11.10
Eggs	Doz.	.37	.42	.41	.32	.31	.51	.54	.51	.57	.54	.49
Wool	Lb.	.40	.42	.43	.28	.41	.61	.51	.39	.60	.72	.76

PENNSYLVANIA: AVERAGE ANNUAL PRICES PAID BY FARMERS FOR SELECTED ITEMS AND YEARS, 1965-1978

Item	1965	1967	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
						Dollars						
Motor Supplies:												
Gasoline, Regular, Per Gallon	.30	.32	.34	.35	.36	.36	.39	.52	.55	.57	.58	.63
Tractor Fuel, Per Gallon	.16	.18	.18	.19	.19	.20	.24	.32	.38	.42	.48	.52
Spark Plugs, Each	.96	.99	1.01	1.05	1.12	1.12	1.15	1.22	1.28	1.20	1.30	1.20
Feed:												
Chick Starter, Per Ton	98.00	99.00	96.00	101.00	104.00	108.00	165.00	175.00	165.00	172.50	176.00	176.10
Laying Feed, Per Ton	86.00	87.00	84.00	88.00	92.00	92.00	143.00	158.00	149.00	154.92	153.00	153.80
Dairy Feed, 16% Per Ton	76.00	79.00	75.00	80.00	84.00	86.00	120.00	142.00	137.00	144.33	144.50	144.00
Middlings, Per Cwt	3.50	3.82	3.65	3.91	4.18	4.35	5.93	7.29	7.00	7.19	7.08	6.80
Soybean Oilmeal, 44% Per Cwt	5.12	5.48	5.34	5.67	5.78	6.78	13.45	10.08	8.78	10.77	12.95	11.60
Corn Meal, Per Cwt	3.44	3.56	3.43	3.69	3.90	3.75	5.33	7.32	6.94	6.72	6.03	6.20

PENNSYLVANIA: PRICES PAID BY FARMERS FOR FEED, CHICKS, POULTS AND PRICE-FEED RATIOS, MONTHLY, 1978

Item	Unit	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
							Dollars						
Poultry:													
Chick Starter	Ton	169	166	172	177	176	181	181	176	181	177	179	178
Broiler Grower	Ton	173	166	176	178	179	186	176	175	172	178	182	181
Turkey Grower	Ton	174	165	174	178	178	188	188	178	176	179	179	183
Laying Feed	Ton	149	146	151	154	156	159	161	154	153	152	155	156
Egg-Feed Price Ratio 1/		6.3	7.2	7.2	6.8	6.0	5.2	5.5	6.6	6.6	6.7	7.0	7.5
Broiler-Feed Price Ratio 2/		2.7	3.2	3.0	3.1	3.2	3.4	3.8	3.1	3.3	3.0	2.9	2.9
Turkey-Feed Price Ratio 3/		5.2	5.5	4.8	4.8	4.9	4.7	4.6	5.3	5.7	5.6	5.6	5.5
Broiler-Type Chicks Straight Run	100	14.00	14.50	14.50	15.00	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50
Egg-Type, Pure Bred Pullets	100	37.50	36.50	37.00	36.00	37.00	35.50	36.00	37.50	37.50	35.50	36.50	39.00
Egg-Type, Incross (Hybrid) Pullets	100	35.50	37.00	37.00	36.50	36.00	36.00	36.00	37.00	37.50	37.00	37.00	36.50
Turkey Poults, Heavy White Breeds	Ea.	.85	.85	.85	.85	.75	.85	.90	1.10	1.25	1.25	.95	.95
Turkey Poults, Light Breeds	Ea.	.75	.75	.75	.75	.75	.75	.85	.80	.80	.80	.80	.80
Dairy:													
Mixed Dairy Feed, 14%	Ton	157	159	156	156	163	158	153	140	126	130	136	140
Mixed Dairy Feed, 16%	Ton	147	140	144	144	141	143	144	140	140	146	148	151
Mixed Dairy Feed, 32%	Ton	205	200	200	210	205	210	210	205	205	205	215	220
Milk-Feed Price Ratio 4/		1.90	1.91	1.87	1.77	1.76	1.70	1.74	1.76	2.15	2.08	2.07	2.08
Hog And Beef:													
Mixed Hog-Feed, 14-18%	Cwt.	7.70	7.60	7.60	7.70	7.80	8.00	8.10	8.00	7.90	8.00	7.90	8.00
Mixed Hog-Feed, 38-42%	Cwt.	12.20	11.80	12.30	12.60	12.60	12.70	12.70	12.30	12.40	12.60	13.10	13.30
Hog-Corn Price Ratio 5/		20.0	20.8	19.4	18.1	17.8	18.4	18.5	20.7	21.8	23.9	22.1	20.4
Beef-Cattle Concentrate, 30% And Over	Cwt.	9.30	9.20	9.50	9.60	9.50	9.40	9.50	9.40	9.30	9.60	9.80	10.00
Ingredients:													
Bran	Cwt.	7.00	6.90	6.90	7.00	6.80	7.00	7.00	6.70	6.80	6.80	6.90	7.00
Corn Meal	Cwt.	6.80	6.80	6.80	6.90	6.70	6.90	6.70	6.50	6.60	6.80	6.80	7.00
Soybean Meal, 44%	Cwt.	11.50	11.10	11.00	12.00	11.50	11.70	11.70	11.50	11.60	11.50	12.00	12.20
Cottonseed Meal, 41%	Cwt.	12.00	12.00	11.50	11.50	12.00	12.00	12.00	12.00	12.00	12.00	12.50	12.50
Alfalfa Hay, Baled 6/	Ton	105.00	90.00	101.00	110.00	110.00	95.00						
Other Hay, Baled 6/	Ton	83.00	83.00	77.00	85.00	81.00	70.00						

1/ Pounds of laying feed equal in value to one dozen eggs.
2/ Pounds of broiler grower feed equal to one pound broiler liveweight.
3/ Pounds of turkey grower feed equal in value to one pound of turkey liveweight.
4/ Pounds of concentrate ration equal in value to one pound of whole milk.
5/ Bushels of corn equal in value to 100 pounds of hog liveweight.
6/ Discontinued July 1978.

PENNSYLVANIA: CASH RECEIPTS FROM FARM MARKETING AND GOVERNMENT PAYMENTS, 1940-1978

Year	Cash Income From Farm Marketings			Government Payments	Total Marketings & Government Payments
	Crops	Livestock & Livestock Products	Total Crops And Livestock		
			Dollars		
1940	75,775,000	192,859,000	268,634,000	6,679,000	275,313,000
1950	161,089,000	533,156,000	694,245,000	6,282,000	700,527,000
1960	214,383,600	599,216,400	813,600,000	11,783,000	825,383,000
1965	218,649,000	619,828,000	838,477,000	21,350,000	859,827,000
1967	216,585,000	670,606,000	887,191,000	21,191,000	908,382,000
1968	237,277,000	680,969,000	918,246,000	23,858,000	942,104,000
1969	226,851,000	756,552,000	983,403,000	27,866,000	1,011,269,000
1970	260,889,000	776,432,000	1,037,321,000	25,159,000	1,062,480,000
1971	274,043,000	784,829,000	1,058,872,000	18,101,000	1,076,973,000
1972	271,512,000	841,488,000	1,113,000,000	22,892,000	1,135,892,000
1973	367,777,000	1,014,151,000	1,381,928,000	15,293,000	1,397,221,000
1974	465,855,000	1,091,710,000	1,557,565,000	4,916,000	1,562,481,000
1975	474,789,000	1,125,921,000	1,600,710,000	5,310,000	1,606,020,000
1976	540,397,000	1,269,791,000	1,810,188,000	5,774,000	1,815,962,000
1977	600,268,000	1,302,955,000	1,903,223,000	7,476,000	1,910,699,000
1978	684,600,000	1,472,000,000	2,156,600,000	-	-

PENNSYLVANIA: REALIZED GROSS AND NET INCOME FROM FARMING, 1960-1977

	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
					Million Dollars					
Cash Receipts From Farm Marketings	813.6	838.5	1,037.3	1,058.9	1,113.0	1,381.9	1,557.6	1,600.7	1,810.2	1,903.2
Government Payments	11.8	21.4	25.2	18.1	22.9	15.3	4.9	5.3	5.8	7.5
Non-Money Income	141.0	96.0	109.6	113.9	125.0	146.1	172.2	226.1	247.0	304.0
Other Farm Income	4.1	6.6	7.2	8.4	8.7	10.7	12.9	15.9	17.4	19.8
Gross Farm Income	970.4	962.4	1,179.3	1,199.3	1,269.6	1,554.0	1,747.6	1,848.0	2,080.4	2,234.5
Farm Production Expenses	709.9	726.9	880.2	919.2	947.2	1,184.2	1,418.9	1,554.1	1,740.6	1,860.4
Realized Net Farm Income	260.5	235.5	299.0	280.0	322.4	369.8	328.6	293.9	339.8	374.1
Net Change-Farm Inventories	14.7	-3.4	10.8	-10.3	-31.9	58.6	65.7	5.2	23.2	-31.7
Total Net Farm Income	275.3	232.1	309.9	269.7	290.6	428.4	394.3	299.1	362.9	342.4
Estimated Number Of Farms (In Thous)	106	85	74	73	72	71	71	67.0 1/	65.0 1/	63.0 1/
Average Net Income Per Farm (In Dollars)	2,597	2,731	4,188	3,595	4,036	6,034	5,554	4,464	5,583	5,435

1/ New Definition: Places with annual sales of agricultural products of $1,000 or more.

PENNSYLVANIA: FARM PRODUCTION EXPENSES, 1975-1977

	1975	1976	1977
		Million Dollars	
Current Farm Operating Expenses:			
Feed	351.5	394.6	389.3
Livestock	42.5	46.9	52.0
Seed	35.0	41.6	46.8
Fertilizer And Lime	93.5	93.4	90.8
Repairs & Operation Of Capital Items	174.8	197.9	220.8
Hired Labor	185.8	215.9	213.4
Miscellaneous	226.9	255.6	286.4
Total Current Farm Operating Expenses	1,110.1	1,245.9	1,299.4
Depreciation	333.4	373.9	427.5
Taxes On Farm Property	59.0	68.7	72.5
Interest On Farm Mortgage Debt	57.3	61.5	70.5
Net Rent To Non-Farm Landlords	-5.7	-9.4	-9.5
Total Production Expenses	1,554.1	1,740.6	1,860.4

PENNSYLVANIA: CASH RECEIPTS FROM SALE OF AGRICULTURAL PRODUCTS FROM FARMS BY COMMODITIES, 1975-1977

Commodity	1975		1976		1977	
	Value	Percent Of Total	Value	Percent Of Total	Value	Percent Of Total
	Thous. Dols.	Percent	Thous. Dols.	Percent	Thous. Dols.	Percent
ALL COMMODITIES	1,600,710	100.0	1,810,188	100.0	1,903,223	100.0
LIVESTOCK PRODUCTS	1,125,921	70.3	1,269,791	70.1	1,302,955	68.4
MEAT ANIMALS	211,177	13.1	224,869	12.4	216,782	11.3
Cattle Calves	142,495	8.9	149,666	8.2	151,373	7.9
Hogs	66,404	4.1	72,299	4.0	63,052	3.3
Sheep Lambs	2,278	.1	2,904	.1	2,357	.1
DAIRY PRODUCTS	662,215	41.4	779,605	43.0	808,803	42.5
Milk Wholesale	620,213	38.7	734,240	40.5	766,480	40.2
Milk Retail	41,670	2.6	44,949	2.5	41,823	2.2
Milkfat	332	-	416	-	500	-
POULTRY & EGGS 1/	236,853	14.8	247,391	13.7	258,618	13.5
Eggs	119,300	7.5	127,746	7.1	128,978	6.7
Broilers	86,126	5.4	80,190	4.4	90,528	4.8
Turkeys	20,113	1.3	26,678	1.5	27,245	1.5
Chickens Farm	10,596	.6	12,079	.6	11,300	.6
MISCELLANEOUS LIVESTOCK 1/	15,676	.9	17,926	1.0	18,752	1.0
Honey	1,264	-	1,716	-	1,877	-
Wool	314	-	426	.1	470	-
Beeswax	42	-	48	-	73	-
CROPS	474,789	29.7	540,397	29.9	600,268	31.6
FOOD GRAINS 1/	24,792	1.6	19,924	1.1	19,878	1.0
Wheat	24,562	1.5	19,542	1.0	19,542	1.0
Rye	171	-	331	-	299	-
FEED CROPS	144,352	9.0	142,570	7.8	154,087	8.1
Corn	98,662	6.2	96,662	5.3	103,931	5.5
Hay	32,885	2.0	36,645	2.0	40,034	2.1
Oats	8,897	.6	5,547	.3	7,298	.3
Barley	3,908	.2	3,716	.2	2,824	.1
TOBACCO	15,080	.9	11,484	.7	13,875	.7
OIL CROPS	7,622	.5	7,817	.4	9,030	.5
Soybeans	7,622	.5	7,817	.4	9,030	.5
VEGETABLES	63,616	3.9	62,680	3.4	63,256	3.3
Potatoes	31,046	1.9	29,503	1.6	32,176	1.7
Tomatoes	9,923	.6	10,643	.6	10,224	.5
Corn Sweet	8,542	.5	8,668	.5	6,166	.3
Cabbage	2,874	.2	2,653	.1	2,741	.1
Beans Snap	2,744	.2	2,450	.1	2,380	.1
Miscellaneous Vegetables	8,487	.5	8,763	.5	9,569	.5
FRUIT & NUTS	58,151	3.7	55,217	3.1	62,357	3.3
Apples	33,843	2.1	28,729	1.6	36,548	1.9
Peaches	10,809	.6	11,466	.6	12,062	.7
Grapes	8,030	.5	9,132	.5	7,009	.3
Strawberries	2,462	.1	1,983	.1	2,436	.1
Cherries	1,893	.1	2,293	.1	2,171	.1
Pears	864	.1	763	-	1,053	.1
Other Fruits Nuts	814	-	851	-	1,078	-
ALL OTHER CROPS 1/	161,176	10.1	240,705	13.3	277,785	14.6
Mushrooms	90,801	5.7	119,333	6.6	152,591	8.1
Greenhouse Nursery	61,789	3.8	110,713	6.1	114,127	5.9
Forest Products	6,452	.4	9,222	.5	9,488	.5
Maple Products	994	.1	382	-	528	-
Red Clover Seed	234	-	207	-	202	-
Timothy Seed	48	-	42	-	42	-
Other Field Crops	917	-	857	-	844	-

1/ Includes estimates for minor commodities.

PENNSYLVANIA: CASH RECEIPTS FROM THE SALE OF AGRICULTURAL CROPS, BY COUNTIES, 1977

County & District	Crops					Total All Crops
	Field	Vegetables & Potatoes	Fruits	Forest & Maple	Horticulture & Mushrooms	
	Thousand Dollars					
Crawford	4,412	751	47	379	336	5,925
Erie	3,366	4,474	13,862	272	2,649	24,623
Forest	49	5	-	74	-	128
Mercer	3,973	589	102	153	1,366	6,183
Venango	656	126	34	57	212	1,085
Warren	739	271	-	197	12	1,219
NORTHWESTERN, TOTAL	13,195	6,216	14,045	1,132	4,575	39,163
Bradford	2,835	186	64	440	157	3,682
Cameron	18	1	-	11	-	30
Clinton	1,352	800	22	32	5	2,211
Elk	166	48	-	11	2	227
Lycoming	3,661	910	174	196	772	5,713
McKean	260	98	6	82	162	608
Potter	697	1,713	3	82	13	2,508
Sullivan	298	108	2	44	-	452
Tioga	1,619	312	10	242	102	2,285
NORTH CENTRAL, TOTAL	10,906	4,176	281	1,140	1,213	17,716
Lackawanna	504	860	22	36	70	1,492
Susquehanna	1,736	53	37	395	27	2,248
Wayne	1,111	81	28	104	271	1,595
Wyoming	838	210	10	51	90	1,199
NORTHEASTERN, TOTAL	4,189	1,204	97	586	458	6,534
Armstrong	2,532	263	51	87	35,310	38,243
Beaver	1,251	186	50	117	459	2,063
Butler	3,370	1,279	218	131	19,636	24,633
Clarion	1,619	387	76	101	135	2,318
Indiana	3,038	1,053	53	1,458	1,993	7,595
Jefferson	1,196	118	10	202	309	1,835
Lawrence	3,171	255	86	35	1,380	4,927
WEST CENTRAL, TOTAL	16,177	3,540	544	2,131	59,222	81,614
Blair	1,943	343	566	139	326	3,317
Cambria	1,173	2,921	10	261	620	4,985
Centre	3,557	797	75	125	287	4,841
Clearfield	929	315	36	106	464	1,850
Columbia	3,744	3,580	269	573	1,923	10,089
Dauphin	3,631	816	431	79	488	5,445
Huntingdon	2,221	178	42	254	102	2,797
Juniata	2,211	144	637	122	7	3,121
Mifflin	2,122	89	55	120	80	2,466
Montour	1,510	136	17	11	212	1,886
Northumberland	4,520	2,144	302	66	287	7,319
Perry	2,747	151	99	47	127	3,171
Snyder	2,461	456	600	101	50	3,668
Union	2,311	265	72	33	219	2,900
CENTRAL, TOTAL	35,080	12,335	3,211	2,037	5,192	57,855
Carbon	556	309	17	18	264	1,164
Lehigh	5,032	3,030	1,985	14	449	10,510
Luzerne	1,224	2,077	134	28	1,256	4,719
Monroe	554	540	108	28	107	1,337
Northampton	5,363	1,228	329	3	685	7,608
Pike	96	99	8	11	10	224
Schuylkill	2,696	2,990	455	158	177	6,476
EAST CENTRAL, TOTAL	15,521	10,273	3,036	260	2,948	32,038
Allegheny	514	712	432	13	3,913	5,584
Fayette	1,909	307	13	17	591	2,837
Greene	874	160	12	11	174	1,231
Somerset	2,742	1,811	11	575	409	5,548
Washington	3,226	518	162	40	1,022	4,968
Westmoreland	3,873	585	47	137	2,968	7,610
SOUTHWESTERN, TOTAL	13,138	4,093	677	793	9,077	27,778
Adams	4,176	1,433	23,109	101	578	29,397
Bedford	3,016	198	695	371	25	4,305
Cumberland	5,116	589	1,167	33	1,209	8,114
Franklin	5,962	685	6,729	101	222	13,699
Fulton	1,303	31	67	213	27	1,641
York	12,147	8,252	2,649	373	2,078	25,499
SOUTH CENTRAL, TOTAL	31,720	11,188	34,416	1,192	4,139	82,655
Berks	10,494	965	3,095	199	33,918	48,671
Bucks	7,158	2,587	620	13	5,748	16,126
Chester	8,372	1,447	546	229	126,146	136,740
Delaware	186	297	181	13	4,219	4,896
Lancaster	23,816	3,732	994	260	4,971	33,773
Lebanon	4,135	659	407	20	967	6,188
Montgomery	3,692	533	206	11	3,609	8,051
Philadelphia	142	11	1	-	316	470
SOUTHEASTERN, TOTAL	57,995	10,231	6,050	745	179,894	254,915
PENNSYLVANIA	197,921	63,256	62,357	10,016	266,718	600,268

PENNSYLVANIA: CASH RECEIPTS FROM THE SALE OF LIVESTOCK AND LIVESTOCK PRODUCTS, GOVERNMENT PAYMENTS AND TOTAL CASH RECEIPTS BY COUNTIES, 1977

County & District	Livestock And Products				Government Payments	Total All Crops, Livestock Products & Gov't. Payments
	Meat Animals & Misc Livestock	Dairy	Poultry	Total Livestock & Products		
	Thousand Dollars					
Crawford	2,696	23,035	1,383	27,114	243	33,282
Erie	3,182	17,803	727	21,712	201	46,536
Forest	49	313	1	363	15	506
Mercer	3,016	14,247	681	17,944	186	24,313
Venango	491	2,620	108	3,219	45	4,349
Warren	691	9,158	602	10,451	52	11,722
NORTHWESTERN, TOTAL	10,125	67,176	3,502	80,803	742	120,708
Bradford	4,548	45,305	2,067	51,920	293	55,895
Cameron	10	153	2	165	4	199
Clinton	688	3,827	61	4,576	49	6,836
Elk	225	1,552	1,203	2,980	14	3,221
Lycoming	2,099	11,248	698	14,045	182	19,940
McKean	314	2,563	178	3,055	55	3,718
Potter	822	7,588	728	9,138	140	11,786
Sullivan	280	3,233	198	3,711	30	4,193
Tioga	2,480	23,999	2,516	28,995	299	31,579
NORTH CENTRAL, TOTAL	11,466	99,468	7,651	118,585	1,066	137,367
Lackawanna	848	4,571	1,312	6,731	63	8,286
Susquehanna	2,568	28,695	2,673	33,936	216	36,400
Wayne	1,908	21,243	1,964	25,115	330	27,040
Wyoming	1,570	10,513	403	12,486	67	13,752
NORTHEASTERN, TOTAL	6,894	65,022	6,352	78,268	676	85,478
Armstrong	1,995	5,960	901	8,856	144	47,243
Beaver	715	3,937	371	5,023	47	7,133
Butler	2,928	6,943	3,761	13,632	156	38,421
Clarion	1,190	5,594	576	7,360	90	9,768
Indiana	2,393	9,569	3,940	15,902	154	23,651
Jefferson	849	6,006	937	7,792	61	9,688
Lawrence	1,667	7,112	288	9,067	108	14,102
WEST CENTRAL, TOTAL	11,737	45,121	10,774	67,632	760	150,006
Blair	1,969	13,613	1,368	16,950	80	20,347
Cambria	1,879	3,368	1,827	7,074	83	12,142
Centre	1,915	14,847	369	17,131	187	22,159
Clearfield	735	3,830	601	5,166	53	7,069
Columbia	2,344	4,920	2,003	9,267	278	19,634
Dauphin	3,734	8,521	4,917	17,172	224	22,841
Huntingdon	1,949	11,459	259	13,707	106	16,610
Juniata	2,007	10,392	5,225	17,624	201	20,946
Mifflin	2,279	17,020	5,534	24,833	75	27,374
Montour	968	2,034	431	3,433	111	5,430
Northumberland	4,634	5,248	7,656	17,538	276	25,133
Perry	2,650	10,470	4,524	17,644	239	21,054
Snyder	2,332	8,180	8,108	18,620	122	22,410
Union	2,084	7,359	3,411	12,854	125	15,879
CENTRAL, TOTAL	31,479	121,301	46,233	199,013	2,160	259,028
Carbon	166	368	599	1,133	43	2,340
Lehigh	1,566	4,836	4,358	10,760	237	21,507
Luzerne	663	4,655	544	5,862	97	10,678
Monroe	484	999	1,376	2,859	46	4,242
Northampton	1,565	12,068	1,520	15,153	175	22,936
Pike	98	263	34	395	6	625
Schuylkill	3,667	4,484	13,632	21,783	154	28,413
EAST CENTRAL, TOTAL	8,209	27,673	22,063	57,945	758	90,741
Allegheny	593	1,132	1,110	2,835	21	8,440
Fayette	1,009	4,787	1,559	7,355	89	10,281
Greene	1,413	2,799	100	4,312	118	5,661
Somerset	4,125	24,131	1,249	29,505	157	35,210
Washington	3,067	11,228	1,177	15,472	152	20,592
Westmoreland	2,824	11,998	2,876	17,698	144	25,452
SOUTHWESTERN, TOTAL	13,031	56,075	8,071	77,177	681	105,636
Adams	9,869	9,690	12,032	31,591	344	61,332
Bedford	3,411	19,003	236	22,650	175	27,130
Cumberland	4,904	22,882	1,528	29,314	428	37,856
Franklin	9,013	44,389	3,911	57,313	373	71,385
Fulton	1,000	5,515	515	7,030	112	8,783
York	12,043	18,857	14,020	44,920	563	70,982
SOUTH CENTRAL, TOTAL	40,240	120,336	32,242	192,818	1,995	277,468
Berks	14,161	34,923	3,059	57,143	381	106,195
Bucks	2,572	12,159	10,782	25,513	160	41,799
Chester	9,013	31,241	3,720	43,974	200	180,914
Delaware	362	1,167	124	1,653	7	6,556
Lancaster	65,192	94,777	88,596	248,565	498	282,836
Lebanon	7,986	23,212	5,354	36,552	131	42,871
Montgomery	2,816	9,152	5,095	17,063	133	25,247
Philadelphia	251	-	-	251	-	721
SOUTHEASTERN, TOTAL	102,353	206,631	121,730	430,714	1,510,000	687,139
PENNSYLVANIA	235,534	808,803	258,618	1,302,955	10,348,000	1,913,571

COST OF PRODUCTION SURVEY

By James P. Liles

Pennsylvania's as well as the Nation's farmers will again spend more time to produce major crops this year, with cost increases generally in line with inflation throughout the economy. Higher prices for fuels and farm labor, plus a sharp hike for farm machinery, will contribute most to increased production costs. Prices for agricultural chemicals and fertilizer may rise only slightly. On a planted acre basis, cost increases could range from 7 to 9 percent, although recent jumps in fuel and energy prices may add further pressure. On a per-unit-of-production basis, cost run-ups are likely to be even steeper for some crops if yields slip after last year's especially good showing. Of course, cost increases among crops will vary due to different input combinations. For example, since fertilizer prices are expected to increase much less than labor costs this year, crops that use relatively more fertilizer than labor will probably experience smaller cost rises than crops that are labor-intensive.

This outlook comes from USDA's latest costs-of-production report to Congress on 10 major crops. The annual report began a few years ago, based largely on survey data collected for 1974. Costs are updated each year using a computerized cost estimating procedure. USDA economists emphasize that costs reported in the study are national averages and not necessarily those of any single farmer or group of farmers. Costs not only vary considerably among farms but also among regions. The costs estimated include management expenses, general farm overhead (including recordkeeping, utilities and general farm maintenance), machinery ownership and variable costs (expenses for seed, chemicals, fertilizers, labor and fuel). In addition to the outlook for 1979, the report includes final estimates of costs of production for 1977 and preliminary estimates for 1978. On a crop-by-crop basis, here's what happened to costs — excluding land — over the last 2 years.

Corn growers in all regions faced higher production expenses in 1978 compared with 1977. However, the national average yield increased nearly 14 percent, so that costs per bushel were lower in all regions except the Southwest. Costs per planted acre ranged from about $149.00 in the Lake States and Corn Belt to slightly above $245.00 in the Southwest. Costs per bushel were estimated at $1.39 in the Lake States/Corn Belt, $1.59 in the Northern Plains, $1.69 in the Northeast, $2.38 in the Southwest and $2.41 in the Southeast.

Grain sorghum costs of production increased in all regions in 1978 on both a per-acre and per-bushel basis. U.S. costs per bushel for dryland sorghum averaged $1.62, while costs for the 22 percent of the crop produced under irrigation averaged $2.30.

Barley cost more to produce per acre in all regions in 1978, but yield per planted acre was the highest in several years. Per acre costs in 1978 ranged from about $68.00 in the Northern Plains — the major producing region — to $134.00 in the Southwest. By the bushel, production costs averaged $2.05 in the Northeast.

Oats demanded higher outlays in 1978, with variable costs up nearly 6 percent and machinery ownership costs almost 15 percent higher. Yields were higher in both the Northeast and Northern Plains, and unit costs in the Northeast were lower than in 1977. In 1978, costs per planted acre varied from about $51.00 in the Northern Plains to $86.00 in the Northeast. Costs per bushel were $1.61 in the Northeast.

Wheat growers faced different situations, depending on the class of wheat produced and the region. For all wheat, variable costs increased only slightly, but the rise in machinery ownership costs was more significiant. However, yield was up an average of 2 bushels an acre from 1977 to 1978, leaving the cost per bushel about the same in both years.

Soybean costs, both per acre and per bushel, rose in 1978 in all producing regions. Variable and machinery ownership costs were higher, and the U.S. average yield declined more than a bushel from 1977 to 1978 to just under 29 bushels an acre. The U.S. average cost per acre was about $97.00 last year, with costs varying from around $77.00 in the Northern Plains to $117.00 in the Southeast.

COSTS OF PRODUCING MAJOR CROPS 1/

Crop	1977	1978	1977-1978
	Dollars Per Planted Acre		Percent Change
Corn	147.00	154.44	+ 5
Sorghum	95.68	104.94	+10
Barley	74.44	81.84	+10
Oats	53.25	58.14	+ 9
Wheat	68.30	73.02	+ 7
Soybeans	91.85	97.34	+ 6
	Dollars Per Unit		Percent Change
Corn Bu.	1.66	1.53	- 8
Sorghum Bu.	1.77	2.00	+13
Barley Bu.	1.88	1.79	- 5
Oats Bu.	.99	1.17	+18
Wheat Bu.	2.46	2.46	0
Soybeans Bu.	3.04	3.37	+11

1/ Excluding land

MARKETING CHANNELS REPORT

By James P. Liles

Pennsylvania's and the **Nation's** grain elevators received the bulk of producers' feed grain sales in 1977, according to a Crop Reporting Board survey of the principal marketing channels used by farmers and ranchers.

Of total 1977 sales of the four feed grains, shares going to local elevators ranged from 61 percent for feed barley to 90 percent for sorghum grain. While dealers handled another 17 percent of the feed barley, producer sales to other farmers and ranchers were also significiant, as they were for oats. Terminal elevators bought over a tenth of the corn.

Pennsylvania's local and terminal elevators participated with the nation in taking in 93 percent of the winter wheat crop, and nearly all spring wheat, excluding durum. Almost a third of all durum was sold through dealers, while local elevators received most of the remainder. Most soybean and flaxseed sales also went to local elevators, but soybean processors received significant shares in a few States.

Other farmers and ranchers bought half the alfalfa hay and three-fourths of other hay sold, while dealers bought most of the rest.

In livestock, auctions and commission firms handled more than three-fourths of the cattle marketings, except for steer and heifer sales, which were shared almost equally with packers and butchers.

Packers and butchers took most of the barrows and gilts, but local auctions and commission firms captured two-thirds of the sow and boar market. Half the feeder pigs were sold at auctions, while other farmers bought a third.

In sheep marketings, half the stock sheep were sold through local auctions and commission firms, and about a third went directly to other farmers and ranchers. Lamb sales were divided among local auctions, commission firms and packers and butchers.

Retail outlets, dealers and packer-shippers accounted for 90 percent of the eggs sold.

The survey, conducted in the major producing States for each commodity, covered sales by farmers and ranchers during calendar year 1977. Information on the marketing channels used by producers and the proportion of sales through each channel helps the Crop Reporting Board to accurately monitor and report prices received by producers for agricultural commodities.

FARMERS' 1977 SALES BY MARKETING CHANNEL 1/

Crops	Local Elevators	Terminal Elevators	Dealers	Other Farmers And Ranchers	Commercial Feedlots
	Estimated Percent Of Total Sales				
Corn For Grain	78	13	3	4	2
Oats	81	2	4	13	-
Sorghum Grain	90	--	3	3	4
Feed Barley	61	2	17	15	2
Winter Wheat	87	6	3	--	1
Soybeans	80	14	3	--	-
Alfalfa Hay	--	--	42	47	9

Livestock	Local Auctions And Commission Firms	Packers And Butchers	Other Farmers And Ranchers	Commercial Feedlots
Steers And Heifers	42	47	3	7
Cows	77	14	8	-
Calves, 201-499 pounds	83	3	13	-
Barrow And Gilts	42	56	--	-
Sows And Boars	64	34	2	-
Lambs	44	40	6	8

1/ Percents marketed through the channels listed may not add to 100 because of sales through miscellaneous channels.

UNITED STATES CENSUS: RANKING OF SELECTED AGRICULTURAL DATA, LEADING STATE AND COUNTY

Item	United States				Leading Pennsylvania County			
	Leading State	Leading U.S. County			County	Rank In U.S.		1974 Quantity
		County	State	1974 Quantity		1974	1969	
Value Of All Ag Products Sold.....	Calif.	Fresno	Calif.	$780,755,000	Lancaster	18	12	$251,706,000
Value Of Crops Sold.....	Calif.	Fresno	Calif.	$608,273,000	Chester	87	57	$ 59,293,000
Value Of Nursery, Greenhouse & Mushroom Products Sold*.....	Calif.	Chester	Penna.	$ 48,023,000	Chester	1	1	$ 48,023,000
Value Of Forest Products Sold.....	Georgia	Douglas	Oregon	$ 2,418,000	Indiana	13	65	$ 924,000
Value Of Livestock, Poultry & Their Products Sold.....	Iowa	Weld	Colo.	$489,696,000	Lancaster	7	8	$211,763,000
Value Of Dairy Products Sold*.....	Wisc.	San Bern.	Calif.	$141,030,000	Lancaster	5	2	$ 65,648,000
Value Of Cattle & Calves Sold*.....	Texas	Weld	Colo.	$408,625,000	Lancaster	39	27	$ 51,882,000
Value Of Hogs & Pigs Sold*.....	Iowa	Henry	Ill.	$ 40,648,000	Lancaster	42	--	$ 17,250,000
Number Of Farms With Sales $2,500 & Over*.....	Iowa	Fresno	Calif.	5,809	Lancaster	3	3	4,184
Total Farm Expenditures.....	Calif.	Fresno	Calif.	$598,827,000	Lancaster	17	16	$199,401,000
Expenditure For Livestock & Poultry Feed.	Texas	Weld	Colo.	$174,694,000	Lancaster	11	10	$ 79,914,000
Expenditure For Fertilizer.....	Ill.	Fresno	Calif.	$ 35,229,000	Lancaster	44	21	$ 8,092,000
Estimated Market Value Of Machinery & Equipment.....	Iowa	Fresno	Calif.	$185,197,000	Lancaster	10	8	$ 85,500,000
Cattle & Calf Inquiry.....	Texas	Weld	Colo.	605,720	Lancaster	17	14	207,944
Milk Cow Inventory.....	Wisc.	San Bern.	Calif.	116,045	Lancaster	5	3	71,598
Fed Cattle Sold For Slaughter*.....	Texas	Weld	Colo.	812,301	Lancaster	59	43	82,189
Hog & Pig Inventory.....	Iowa	Henry	Ill.	298,733	Lancaster	45	98	131,243
Hogs & Pigs Sold.....	Iowa	Henry	Ill.	522,091	Lancaster	25	64	264,565
Horse & Pony Inventory.....	Texas	McKinely	N.Mex.	12,515	Lancaster	7	8	5,621
Hens & Pullets Of Laying Age.....	Calif.	San Diego	Calif.	6,931,906	Lancaster	5	6	3,925,846
Turkeys Sold*.....	Minn.	Duplin	N.Car.	5,043,466	Adams	61	130	449,439
Hay Acres Cut.....	S.Dak.	Cherry	Nebr.	359,978	Bradford	69	48	90,752
Clo-Tim & Mixtures Cut For Hay*.....	Mo.	St. Lawr.	N.Y.	76,873	Bradford	4	4	49,996
Green Pea Acres Harvested*.....	Wisc.	Umatilla	Oregon	37,566	York	83	79	924
Tomato Acres Harvested*.....	Calif.	Yolo	Calif.	61,707	Lancaster	78	67	671
Acres In Orchards.....	Calif.	Fresno	Calif.	274,627	Adams	45	39	19,849
Acres In Grapes.....	Calif.	Fresno	Calif.	184,361	Erie	13	12	10,774
Tobacco Acres Harvested.....	N.Car.	Pitt	N.Car.	20,500	Lancaster	20	5	9,577
Value Of Ag Products Sold Per Acre.....	Conn.	Suffolk	N.Y.	$ 1,231,000	Lancaster	17	11	$ 630,000
Value Of Fruits, Nuts & Berries Sold*....	Calif.	Fresno	Calif.	$240,643,000	Adams	43	38	$ 14,387,000
Value Of Poultry & Poultry Products Sold*.....	Ark.	Sussex	Del.	$132,137,000	Lancaster	4	7	$ 75,066,000
Expenditures For Non-Contract Hired Farm Labor.....	Calif.	Fresno	Calif.	$109,269,000	Chester	31	39	$ 16,328,000
Cattle & Calves Sold.....	Texas	Weld	Colo.	956,647	Lancaster	36	25	159,895
Light Breed Turkeys Sold For Slaughter*..	Minn.	Duplin	N.Car.	1,529,436	Union	19	--	250,000
Snap Bean Acres Harvested, Bush & Pole...	Wisc.	Marion	Oregon	18,500	York	39	66	2,180

Source: 1974 Census of Agriculture, U.S. Department of Commerce, Bureau of Census.
* Data for farms with sales $2,500 and over, other data for all farms.

PENNSYLVANIA: RANK AMONG STATES IN CROP PRODUCTION, 1978

Item	1	2	3	4	5	6	7	8	9	10	PA. If Not In Top 10
Corn For Grain	Iowa	Ill.	Nebr.	Minn.	Ind.	Ohio	Wisc.	Mo.	Mich.	S.Dak.	15
Corn For Silage	Iowa	Wisc.	Minn.	N.Y.	Nebr.	PA.	S.Dak.	Mich.	Colo.	Ill.	-
Winter Wheat	Kans.	Okla.	Wash.	Mont.	Nebr.	Colo.	Tex.	Oreg.	Idaho	Ohio	18
Oats	S.Dak.	Minn.	Iowa	N.Dak.	Wisc.	Ohio	Nebr.	Mich.	PA.	N.Y.	-
Barley	N.Dak.	Mont.	Idaho	Minn.	Calif.	Wash.	S.Dak.	Colo.	Oreg.	Wyo.	12
Rye	S.Dak	N.Dak.	Ga.	Minn.	Nebr.	S.Car.	Mich.	Okla.	PA.	N.Car.	-
All Hay	Wisc.	Minn.	S.Dak.	Iowa	Nebr.	Calif.	N.Dak.	Mo.	N.Y.	Idaho	14
Alfalfa Hay	Wisc.	Minn.	Iowa	S.Dak.	Calif.	Nebr.	N.Dak.	Idaho	Mich.	Kan.	14
Red Clover Seed	Oreg.	Minn.	Mo.	Wash.	Ill.	Ohio	Mich.	Idaho	Ind.	PA.	-
Soybeans For Beans	Ill.	Iowa	Mo.	Minn.	Ind.	Ohio	Ark.	Miss.	La.	Tenn.	29
Tobacco	N.Car.	Ky.	S.Car.	Tenn.	Va.	Ga.	Md.	PA.	Ohio	Wisc.	-
Potatoes	Idaho	Wash.	Oreg.	Maine	N.Dak.	Calif.	Wisc.	Minn.	N.Y.	Colo.	12
Apples	Wash.	N.Y.	Mich.	Calif.	Va.	PA.	W.Va.	N.Car.	Oreg.	Ohio	-
Peaches	Calif.	S.Car.	Ga.	PA.	N.J.	Mich.	N.Car.	Tex.	Va.	Wash.	-
Pears	Calif.	Wash.	Oreg.	N.Y.	Mich.	PA.	Utah	Conn.	Idaho	Colo.	-
Grapes	Calif.	N.Y.	Wash.	Mich.	PA.	Ariz.	Ohio	Ark.	N.Car.	Mo.	-
Cherries, Sweet	Wash.	Mich.	Oreg.	Calif.	N.Y.	Utah	Idaho	Mont.	PA.	Colo.	-
Cherries, Tart	Mich.	N.Y.	Wisc.	Utah	PA.	Oreg.	Colo.	Ohio	-	-	-
Maple Syrup	Vt.	N.Y.	Wisc.	N.H.	Mich.	Ohio	PA.	Mass.	Maine	-	-
Vegetables, Fresh	Calif.	Fla.	Tex.	Ariz.	N.Y.	Mich.	N.J.	Wash.	Ohio	N.Car.	17
Vegetables, For Proc	Calif.	Wisc.	Oreg.	Minn.	Wash.	Ohio	N.Y.	Ill.	Mich.	Ind.	18
Floriculture 1/	Calif.	Colo.	Fla.	PA.	Ind.	N.Y.	Ohio	Mass.	Ill.	Mich.	-
Mushrooms	PA.	N.Y.	Ohio	Del.	Md.	N.J.	-	-	-	-	-

1/ Based on wholesale value of thirteen principal floriculture crops.

PENNSYLVANIA: RANKING OF COUNTIES IN CROP PRODUCTION, 1978

Item	1	2	3	4	5	6	7	8	9	10
Wheat	York	Lanc.	Berks	Lehigh	North.	Cumb.	Frank.	Adams	Bucks	Chester
Corn For Grain	Lanc.	York	Berks	Chester	Frank.	Northn.	Lehigh	Cumb.	Adams	Northd.
Corn For Silage	Lanc.	Frank.	Berks	Brad.	Cumb.	Susq.	Somer.	York	Chester	Leb.
Oats	Somer.	Craw.	Berks	Mercer	Tioga	Erie	Northd.	Centre	Armst.	Lycom.
Barley	York	Lanc.	Bucks	Adams	Cumb.	Berks	Frank.	Dauphin	Chester	Leb.
Alfalfa Hay	Lanc.	Berks	Wash.	Frank.	Chester	Bed.	West.	Centre	Somer.	Brad.
All Hay	Lanc.	Berks	Brad.	Wash.	Somer.	Frank.	Tioga	Chester	Susq.	West.
Potatoes	Erie	York	Leh/Camb	Potter	Lanc.	Schuylk.	Northn.	Chester	Col.	Ind.
Tobacco	Lanc.	Leb.	Berks	Chester	Sny/York	Dauphin	Union	Elk/Lyc	-	-
Apples	Adams	Frank.	Lehigh	Berks	York	Erie	Bed/Cumb	Snyder	Allegh.	Blair
Peaches	Adams	Frank.	York	Lehigh	Berks	Lanc.	Juniata	Cumb.	Erie/Sny	Northn.

PENNSYLVANIA: RANK AMONG STATES, LIVESTOCK AND LIVESTOCK PRODUCTS AND CASH RECEIPTS, 1978

Item	1	2	3	4	5	6	7	8	9	10	Pa. If Not In Top 10
LIVESTOCK INVENTORY 1-1-79:											
All Cattle & Calves	Texas	Iowa	Kebr.	Mo/Kans	Okla.	Calif.	Wisc.	S.Dak.	Minn.	Colo.	21
Milk Cows	Wisc.	N.Y.	Calif.	Minn.	PA.	Mich.	Ohio	Iowa	Texas	Mo.	--
Hogs & Pigs 1/	Iowa	Ill.	Ind.	Minn/Mo	Nebr.	N.C.	Kans.	Ohio	Ga.	Wisc.	14
Sheep & Lambs	Texas	Wyo/Ca.	Colo.	S.Dak.	N.Mex.	Mont.	Utah	Idaho	Ariz.	Oreg.	25
POULTRY INVENTORY: 1/											
All Chickens Excluding Broilers	Calif.	Ga.	Ark.	Ind.	N.C.	Ala/PA	Fla.	Texas	Ohio	Maine	--
Layers	Calif.	Ga.	Ark.	Ind.	PA.	Ala.	N.C.	Fla.	Texas	Ohio	--
Turkeys Raised	Minn.	N.C.	Calif.	Ark.	Mo.	Va.	Texas	Iowa	Wisc.	Ind.	12
LIVESTOCK & POULTRY PRODUCTION, 1978:											
Milk Production	Wisc.	Calif.	N.Y.	Minn.	PA.	Mich	Ohio	Iowa	Texas	Mo.	--
Milk Production Per Cow	Wash.	Calif.	N.Mex.	Ariz.	Nev.	Utah	Conn	Colo	Mass.	Mich.	20
Egg Production	Calif.	Ga.	Ark.	Ind.	PA.	Ala.	N.C.	Fla.	Texas	Minn.	--
Broilers Produced	Ark.	Ga.	Ala.	N.C.	Miss.	Md.	Texas	Del.	Calif.	PA.	--
Egg-Type Chick Hatch	Calif.	Ga.	Fla.	Ind.	Ark.	Texas	Minn.	PA.	Iowa	Mo.	--
Broiler Chick Hatch	Ark.	Ga.	Ala.	N.C.	Miss.	Md.	Texas	Del.	Calif.	Va.	11
Honey Production	Calif.	Fla.	S.Dak.	N.Dak.	Minn.	Mont.	Texas	Nebr.	Wisc.	Mo.	26
SLAUGHTER IN COMMERCIAL PLANTS:											
Cattle	Texas	Nebr.	Iowa	Kans.	Colo.	Calif.	Ill.	Minn.	Wisc.	Mo.	12
Calves	N.Y.	Texas	Wisc.	PA.	Calif.	Iowa	La.	N.Eng.	Ill.	N.J.	--
Hogs	Iowa	Ill.	Minn.	Mich.	Nebr.	Ohio	Ind.	PA.	Mo.	Va.	--
Sheep & Lambs	Colo.	Calif.	Texas	Ill.	Mich.	S.Dak.	Minn.	Iowa	Wash.	PA.	--
CASH RECEIPTS (1977)	Calif.	Iowa	Texas	Ill.	Minn.	Nebr.	Kans.	Ind.	Wisc.	Mo.	18
Livestock & Products	Iowa	Texas	Calif.	Wisc.	Nebr.	Minn.	Kans.	Ill.	Mo.	Colo.	11
Crops	Calif.	Ill.	Texas	Iowa	Minn.	Ind.	Fla.	Nebr.	Ohio	Kans.	26

1/ Inventory December 1, 1978.

PENNSYLVANIA: RANKING OF COUNTIES IN LIVESTOCK ON FARMS JANUARY 1, 1979, LIVESTOCK AND POULTRY PRODUCTION IN 1978, NUMBER OF FARMS, AND GROSS FARM INCOME FROM CROP AND LIVESTOCK PRODUCTION, 1977

Item	1	2	3	4	5	6	7	8	9	10
INVENTORY, JANUARY 1, 1979:										
Cattle & Calves On Farms	Lanc.	Frank. Brad.	Berks	Chester	York	Craw.	Leb.	Somer.	Bed. Wash.	Tioga
Hogs & Pigs 1/	Lanc.	Berks	York	North'd.	Frank.	Leb.	Dauphin	Schuyl.	Chester	Sny/Adams
Sheep & Lambs	Greene	Wash.	Lanc.	Tioga	Mercer	Brad.	Susq.	York	Berks	Chester
Chickens, Excluding Broilers 1/	Lanc.	Adams	York	Schuyl.	Bucks	Leb.	Dauphin	Berks	Wayne	Snyder
Cows In Milking Herd, 1978	Lanc.	Brad.	Frank.	Chester	Craw.	Tioga	Susq.	Berks	Cumb.	Leb.
PRODUCTION, 1978:										
Broilers Raised	Lanc.	York	Adams	Snyder	Cambria	Berks	Leb.	Mifflin	North'd.	Dauphin
Milk Production	Lanc.	Brad.	Frank.	Chester	Berks	Tioga	Susq.	Cumb.	Crawford	Wash.
Egg Production	Lanc.	York	Adams	Schuyl.	Bucks	Dauphin	North'd.	Berks	Susq.	Mont.
NUMBER OF FARMS	Lanc.	York	Berks	Chester	Frank.	Brad.	Erie	Craw.	Wash.	Mercer
CASH FARM INCOME, 1977	Lanc.	Chester	Berks	Frank.	York	Adams	Brad.	Arms.	Leb.	Bucks

1/ Inventory December 1, 1978.

MACHINERY CUSTOM RATES

By J. Neil Woodward

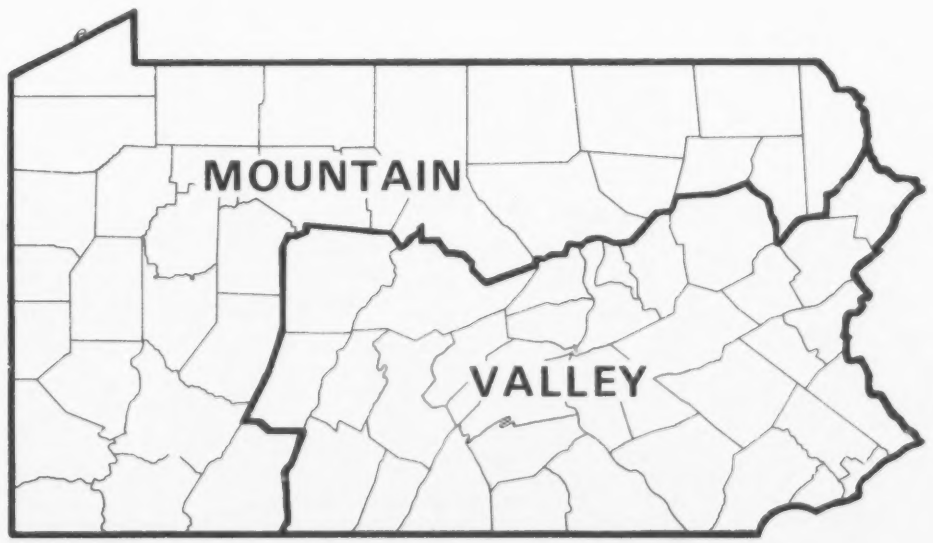
The custom rates shown are averages from voluntary reports by custom operators throughout Pennsylvania. Most of the rates are stated per acre, ton, bale, or bushel rather than per hour to reduce the variation due to machinery size. Individual rates vary due to differences in working conditions, services performed, or even the operator's eagerness to do custom work. Therefore, the average rates shown should not be considered absolute indications of fair charges.

Average rates are shown separately for most items by two regions of the state, labeled "Mountain" and "Valley." The differences in rates between regions reflect differences in terrain, soils, and alternative opportunities for the labor and equipment used. Figures labeled "The State" represent the straight average of all reports used regardless of geographic location.

Most custom rates are higher this year, up an average of 5.6 percent from last year. Some differences between rates, especially for jobs that were lightly represented in the survey, may occur due to sample variation. this is variation caused by a different sample of reporters answering the survey this year.

CUSTOM RATES: SELECTED FARMING OPERATIONS, PENNSYLVANIA, 1978

Job	Basis Of Charge	Mountain Section	Valley Section	The State
		Harvesting		
Corn Picking	Acre	$ 12.40	$ 11.50	$ 11.90
Corn Picking And Shelling	Acre	16.50	14.50	15.00
Corn Combining	Acre	16.00	15.50	16.00
Corn Drying (23 Percent Corn)	Bu.	.22	.22	.22
Combining Small Grains	Acre	12.70	12.10	12.30
Hay Making:				
Mowing	Acre	4.35	4.05	4.10
Mowing And Conditioning	Acre	5.90	5.65	5.75
Raking	Acre	3.40	3.10	3.15
Pick-Up Baling:				
Twine	Bale	.18	.18	.18
Wire	Bale	.26	.24	.25
Cut, Rake, Bale, And Store	Bale	.44	.39	.41
Large Round Baler (Avg. = 1513 Lb.)	Bale	7.55	6.00	6.85
Stacker-Wagon (Avg. = 1 Ton)	Stack	13.00	12.90	12.90
Silage Making:				
Pull-Type Chopper And Tractor	Hour	18.00	21.00	19.50
Self-Propelled Chopper	Hour	24.00	31.00	29.00
Blower	Hour	3.70	3.80	3.75
1 Man, 2 Wagons, 1 Tractor	Hour	16.50	17.00	17.00
2 Men, 2 Wagons, 2 Tractors	Hour	26.00	25.00	25.50
Potato Harvesting, 1-8 Men, 0-3 Trucks	Acre	-	92.50	92.50



CUSTOM RATES: SELECTED FARMING OPERATIONS, PENNSYLVANIA, 1978
(CONTINUED)

Job	Basis Of Charge	Mountain Section	Valley Section	The State
		Plowing And Cultivating		
Plowing, Moldboard Plow:				
Spring, Stubble	Acre	$ 7.40	$ 7.15	$ 7.25
Sod	Acre	8.25	8.00	8.10
Fall, Stubble	Acre	7.85	7.35	7.50
Sod	Acre	8.90	8.25	8.50
Plowing, Deep (10 Inches Or More)	Acre	9.50	9.40	9.45
Plowing, Disk	Acre	8.00	7.70	7.75
Disking, Tandem	Acre	4.90	4.95	4.95
With Harrow Or Cultipacker	Acre	6.00	6.25	6.15
Harrowing:				
Spike Tooth	Acre	4.20	4.10	4.15
Spring Tooth	Acre	4.65	4.20	4.35
Cultivating	Acre	5.30	5.15	5.20
		Planting And Drilling		
Planting Corn With Fertilizer:				
Conventional-Till Planting	Acre	5.50	5.35	5.40
Reduced-Till Planting	Acre	8.10	9.00	8.80
Planting Soybeans, Without Fertilizer	Acre	6.50	5.30	5.40
Drilling Small Grain:				
Without Fertilizer	Acre	4.85	4.95	4.95
With Fertilizer	Acre	5.00	5.40	5.20
With Fertilizer And Cloverseed	Acre	5.50	5.90	5.65
Planting Potatoes	Acre	6.65	6.60	6.60
Seeding Alfalfa, Clover, Etc.	Acre	4.25	4.60	4.55
Broadcast Seeding (On Grain Fields)	Acre	2.85	3.35	3.20
Cleaning Grain Seed:				
With Treatment	Bu.	.30	.35	.33
Without Treatment	Bu.	.25	.25	.25
		Spraying		
Ground Equipment:				
Spraying For Weed Control:				
Excluding Material	Acre	3.10	2.90	3.00
Spraying For Corn Borer:				
Including Cost Of Material	Acre	6.80	6.70	6.75
Excluding Cost Of Material	Acre	3.50	3.50	3.50
Spraying For Spittle Bug Or Alfalfa Weevil:				
Including Cost Of Material	Acre	4.75	6.10	5.90
Excluding Cost Of Material	Acre	3.15	3.05	3.10
Spraying Potatoes:				
Including Cost Of Material	Acre	8.50	8.75	8.65
Excluding Cost Of Material	Acre	4.25	4.15	4.15
Aerial Application (Excluding Material)				
Fixed Wing	Acre	3.50	3.50	3.50
Helicopter	Acre	4.50	4.00	4.20
		Miscellaneous		
Stalk Shredding, P.T.O.	Acre	4.80	4.65	4.70
Spreading Bulk Fertilizer:				
Dry	Acre	3.30	3.35	3.35
Liquid	Acre	3.20	2.95	2.95
Side Dressing	Acre	3.10	3.00	3.10
Grinding Feed:				
Corn, Oats Or Barley	Cwt.	.30	.29	.29
Corn And Cobs	Cwt.	.31	.30	.30
Cobs	Cwt.	.40	.40	.40
Additional Charge For Mixing	Cwt.	.14	.10	.12
Machine Tiling (No Tile)	Ft.	.20	.24	.21
Back Hoe	Hr.	16.50	15.50	16.00
Sawing Wood (Chain Saw)	Hr.	6.15	7.05	6.85
Post Hole Digging	Hole	.43	.47	.45
Manure Loading	Hr.	9.10	10.40	10.10
Manure Spreading	Hr.	8.00	8.90	8.75
Bulldozing (Avg. H.P. 79)	Hr.	23.50	18.50	20.50

AGRICULTURAL LABOR
1978

By J. Neil Woodward

Employment on Pennsylvania farms during 1978 showed an overall decrease in workers. The total number of workers in each quarter fell an average of 15,000 from 1977. The number of family workers declined by 11,000 and hired workers by 4,000. The hours worked per worker rose slightly in 1978; however, weather conditions during the survey week and the stages of crop development are the two main factors in controlling hours per worker.

Agricultural labor and wage rates have been collected on a quarterly basis since 1975. Survey methods and procedures require data be collected for one given week within the survey month (January, April, July and October). The results from this quarterly method have been satisfactory. However, data users should be aware of this 1975 change in survey methods so that comparison and other uses will not be misleading.

PENNSYLVANIA

Hours Worked Per Worker - 1978

Month	Farm Operator	Other Unpaid Family Members	All Family	Hired Workers
	Hours			
January	34.2	30.1	32.7	42.0
April	41.0	33.7	38.5	40.0
July	42.8	45.5	44.0	37.3
October	46.9	35.2	43.6	33.8

Farm Wage Rates By Type Of Work - 1978

Field Workers	Livestock Workers	Packing House Workers	Machine Operators	Maintenance & Bookkeeping Workers	Supervisors
Dollars Per Hour					
2.87	2.50	3.30	1/	4.96	1/
2.60	2.30	3.50	1/	5.30	1/
2.33	2.25	1/	1/	4.77	1/
1/	2.54	1/	1/	5.15	3.56

PENNSYLVANIA: WORKERS ON FARMS, BY MONTHS, 1960-1978

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
						Family Workers (Thousands)							
1960	132	145	153	160	165	180	184	190	170	162	141	126	159
1965	96	105	112	117	120	133	131	136	121	116	102	94	115
1968	86	96	101	109	109	118	120	124	110	105	89	84	104
1969	82	90	96	101	106	110	111	118	106	102	87	80	99
1970	79	89	96	101	103	115	112	115	104	98	85	81	98
1971	78	88	93	99	101	112	110	110	103	101	85	76	96
1972	79	85	90	93	98	102	111	109	103	92	87	73	94
1973	85	88	92	98	100	107	110	109	104	104	92	80	97
1974	89	89	97	103	112	111	115	109	108	111	94	89	102
1975 2/	102	-	-	106	-	-	115	-	-	92	-	-	104
1976	76	-	-	89	-	-	120	-	-	87	-	-	93
1977	76	-	-	103	-	-	123	-	-	97	-	-	100
1978	78	-	-	83	-	-	115	-	-	79	-	-	89
						Hired Workers (Thousands)							
1960	22	23	21	31	34	49	49	50	51	37	30	22	35
1965	15	15	14	18	22	23	29	31	30	23	16	14	22
1968	12	11	11	16	17	23	26	28	23	18	12	11	17
1969	11	10	11	14	16	24	20	29	23	16	12	11	16
1970	10	11	12	13	17	29	23	27	24	19	12	11	17
1971	11	11	11	15	16	26	21	26	19	19	11	11	16
1972	12	11	10	14	18	18	26	25	21	15	12	10	16
1973	14	13	15	18	17	22	30	29	24	23	15	13	19
1974	14	14	18	20	21	24	30	32	31	26	18	18	22
1975 2/	23	-	-	23	-	-	46	-	-	37	-	-	32
1976	32	-	-	40	-	-	45	-	-	30	-	-	37
1977	31	-	-	28	-	-	39	-	-	37	-	-	34
1978	22	-	-	36	-	-	33	-	-	30	-	-	30

1/ Insufficient data for this category. 2/ Beginning 1975, estimated quarterly.

PENNSYLVANIA: NUMBER OF FARMS AND LAND IN FARMS, 1960-78 1/

Year	Number Of Farms	Land In Farms	
		Total Acres	Per Farm
	Thousand	Thousand	Acres
1960	106	12,300	116
1965	85	11,300	133
1967	80	10,800	135
1968	77	10,500	136
1969	75	10,300	137
1970	74	10,200	138
1971	73	10,100	138
1972	72	10,000	139
1973	71	9,900	139
1974	71	9,900	139
1975 2/	67	9,600	143
1976 2/	65	9,300	143
1977 2/	63	9,100	144
1978 2/	61	9,000	148

1/ All farms estimated as of January 1. 2/ New definition.

FARM REAL ESTATE VALUES: AVERAGE VALUE PER ACRE BY STATE, 1972-1978

State	March 1972	March 1973	March 1974	March 1975	February 1976	November 1976	February 1977	November 1977 1/	February 1978 2/
					Dollars				
Maine 3/	217	253	302	341	369	389	400	424	441
New Hampshire 3/	339	404	493	564	610	643	661	701	729
Vermont 3/	298	346	410	462	500	527	541	573	597
Massachusetts 3/	687	766	875	961	1,040	1,096	1,126	1,193	1,242
Rhode Island 3/	971	1,124	1,334	1,500	1,623	1,711	1,758	1,863	1,939
Connecticut 3/	1,108	1,299	1,395	1,525	1,647	1,736	1,779	1,885	1,962
New York	323	356	445	510	549	564	580	593	589
New Jersey	1,224	1,337	1,582	1,807	2,004	2,004	2,004	2,025	2,057
PENNSYLVANIA	419	491	621	734	815	910	978	1,010	1,092
Delaware	566	645	810	971	1,155	1,291	1,340	1,460	1,500
Maryland	732	843	980	1,060	1,278	1,338	1,355	1,505	1,578
Michigan	370	444	521	553	604	697	767	815	860
Wisconsin	274	328	389	434	490	550	583	666	690
Minnesota	241	269	338	429	521	581	652	714	730
Ohio	439	505	627	706	856	1,026	1,121	1,206	1,263
Indiana	435	494	592	720	878	1,062	1,159	1,296	1,303
Illinois	522	567	720	846	1,052	1,327	1,431	1,508	1,581
Iowa	414	466	597	719	903	1,093	1,219	1,250	1,268
Missouri	261	294	384	396	446	485	526	558	602
North Dakota	98	108	144	195	228	244	258	266	273
South Dakota	87	94	119	145	163	181	194	214	227
Nebraska	170	193	242	282	355	394	401	392	385
Kansas	174	199	253	296	330	361	376	383	380
Virginia	345	391	501	558	620	624	676	716	732
West Virginia	173	204	262	300	375	393	394	438	403
North Carolina	396	461	551	590	637	642	675	722	694
Kentucky	295	327	385	427	504	534	595	644	671
Tennessee	302	346	415	467	495	525	545	571	608
South Carolina	313	336	418	467	486	501	529	553	543
Georgia	290	329	424	474	476	487	509	522	564
Florida 4/	403	464	608	685	726	741	777	805	838
Alabama	236	267	331	364	404	418	432	454	452
Mississippi	242	270	340	379	381	381	404	432	464
Arkansas	296	337	406	419	465	500	521	547	571
Louisiana	380	403	469	512	538	565	581	592	669
Oklahoma	194	219	263	302	332	349	365	379	402
Texas	173	196	241	243	267	285	286	294	316
Montana	68	76	96	112	132	146	152	160	168
Idaho	205	229	287	339	368	401	412	420	445
Wyoming	48	55	70	80	94	100	101	101	105
Colorado	116	137	175	188	219	242	256	261	274
New Mexico	49	56	73	78	81	86	89	93	93
Arizona	86	91	110	111	114	117	120	121	125
Utah	128	141	171	188	212	220	235	247	248
Nevada	66	74	85	85	87	87	87	96	97
Washington	238	273	308	350	420	446	491	501	528
Oregon	186	205	234	250	265	273	278	294	303
California	494	509	570	653	668	678	673	693	761
48 STATES	220	246	304	342	388	428	450	474	490

1/ Revised. 2/ Preliminary. 3/ Average rate of change for the six New England States was used to project dollar values for each of these six States. 4/ Values are based upon an index estimated from the average of the percentage change in Georgia and Alabama index values.

PENNSYLVANIA: ESTIMATED NUMBER OF FARMS, 1978 1/

	All Farms	Cattle Farms	Commercial Dairy Farms 2/	Hog Farms	Sheep Farms	Chicken Farms
Crawford	1,550	1,535	535	345	85	220
Erie	1,660	1,310	425	240	45	150
Forest	50	40	10	15	5	5
Mercer	1,470	1,455	320	550	120	305
Venango	450	445	70	190	35	85
Warren	410	405	175	90	15	60
NORTHWESTERN, TOTAL	5,590	5,190	1,535	1,430	305	825
Bradford	1,670	1,650	795	290	95	165
Cameron	20	15	5	20	-	5
Clinton	290	250	90	130	10	60
Elk	110	105	30	35	5	30
Lycoming	1,070	840	215	380	35	200
McKean	240	235	60	40	20	30
Potter	370	365	135	65	35	55
Sullivan	190	185	65	55	20	25
Tioga	1,000	990	470	150	85	105
NORTH CENTRAL, TOTAL	4,960	4,635	1,865	1,165	305	675
Lackawanna	390	385	95	30	5	45
Susquehanna	1,060	1,050	520	120	80	95
Wayne	870	860	395	115	30	85
Wyoming	460	440	170	35	20	40
NORTHEASTERN, TOTAL	2,780	2,735	1,180	300	135	265
Armstrong	870	790	135	360	70	155
Beaver	560	550	90	140	65	125
Butler	1,300	1,235	180	450	120	295
Clarion	660	655	165	260	35	115
Indiana	1,060	1,050	245	380	100	200
Jefferson	600	595	130	200	10	115
Lawrence	800	790	200	300	110	190
WEST CENTRAL, TOTAL	5,850	5,665	1,145	2,090	510	1,195
Blair	570	555	225	190	40	80
Cambria	590	585	60	250	20	140
Centre	830	685	310	290	60	115
Clearfield	500	455	90	170	25	85
Columbia	1,000	680	100	410	35	185
Dauphin	790	690	140	350	60	165
Huntingdon	680	675	210	260	40	140
Juniata	700	565	220	330	40	105
Mifflin	700	675	300	410	115	145
Montour	350	260	65	125	20	45
Northumberland	970	695	110	400	55	180
Perry	850	665	185	430	30	165
Snyder	825	625	225	450	30	155
Union	540	435	170	220	20	85
CENTRAL, TOTAL	9,895	8,245	2,410	4,285	590	1,790
Carbon	190	90	15	60	10	55
Lehigh	700	330	50	210	40	185
Luzerne	540	405	85	90	25	100
Monroe	190	115	20	50	25	45
Northampton	680	485	140	145	40	135
Pike	40	35	10	10	5	15
Schuylkill	840	500	75	320	30	210
EAST CENTRAL, TOTAL	3,180	1,960	395	885	175	745
Allegheny	440	250	30	100	50	85
Fayette	810	800	135	270	70	185
Greene	830	820	75	225	400	185
Somerset	1,190	1,175	370	420	85	225
Washington	1,510	1,495	280	320	320	300
Westmoreland	1,390	1,335	310	390	140	280
SOUTHWESTERN, TOTAL	6,170	5,875	1,200	1,725	1,065	1,260
Adams	1,330	930	160	490	75	275
Bedford	1,120	1,110	315	480	85	210
Cumberland	1,220	1,015	410	430	90	235
Franklin	1,680	1,435	575	590	85	275
Fulton	530	525	130	245	30	130
York	2,650	1,760	290	1,070	220	590
SOUTH CENTRAL, TOTAL	8,530	6,775	1,880	3,305	585	1,715
Berks	2,150	1,475	470	730	160	475
Bucks	980	555	125	180	80	195
Chester	1,830	1,150	425	250	130	255
Delaware	125	40	10	10	15	20
Lancaster	5,105	4,330	1,935	2,050	560	1,200
Lebanon	1,030	925	320	390	100	205
Montgomery	810	445	105	205	85	180
Philadelphia 3/	15	-	-	-	-	-
SOUTHEASTERN, TOTAL	12,045	8,920	3,390	3,815	1,130	2,530
PENNSYLVANIA	59,000	50,000	15,000	19,000	4,800	11,000

1/ All farms estimated as of January 1, 1979. Specie farms relate to the 1978 production year. 2/ Commercial dairy farms relate to farms with 10 or more milk cows. 3/ Specie farms included with Montgomery County to avoid disclosure of individual operations.

PENNSYLVANIA: FERTILIZER CONSUMPTION, BY COUNTIES, 1977-1978 1/

County	Second Half Of 1977			First Half Of 1978		
	Nitrogen	Phosphate	Potash	Nitrogen	Phosphate	Potash
	Tons					
Adams	210.84	282.51	263.91	1,268.41	1,376.07	1,243.06
Allegheny	222.46	204.50	175.29	548.04	290.81	263.07
Armstrong	43.07	87.31	96.94	235.93	485.06	420.57
Beaver	35.01	36.84	34.32	119.21	148.00	135.83
Bedford	45.79	124.10	175.57	641.42	818.23	753.50
Berks	320.53	692.19	792.13	2,228.92	3,097.66	2,885.33
Blair	108.95	224.46	244.74	563.84	879.17	747.41
Bradford	267.72	502.10	572.99	595.62	993.28	948.17
Bucks	240.57	404.58	407.74	1,096.29	1,435.70	1,298.46
Butler	166.56	343.02	315.21	479.06	754.14	649.26
Cambria	131.03	261.15	256.47	436.81	607.94	559.34
Cameron	-	-	-	1.12	.46	.47
Carbon	16.39	19.92	19.53	141.34	148.52	142.65
Centre	108.21	294.28	191.04	553.96	937.17	586.37
Chester	523.15	630.79	692.47	5,011.11	5,794.90	6,500.73
Clarion	97.84	158.12	146.80	280.45	477.04	469.47
Clearfield	25.41	50.27	51.29	139.97	263.37	248.66
Clinton	127.87	64.65	71.38	270.90	281.20	250.94
Columbia	141.55	270.80	225.79	1,055.85	1,597.85	1,329.51
Crawford	52.75	124.59	167.20	821.75	1,489.61	1,468.51
Cumberland	251.30	479.81	436.67	1,089.50	1,819.77	1,270.37
Dauphin	235.62	278.28	254.92	1,165.23	970.55	725.06
Delaware	19.87	8.43	10.36	84.63	29.12	20.07
Elk	.28	2.35	3.55	17.41	28.26	24.10
Erie	374.38	248.11	454.08	1,365.67	1,294.69	1,307.04
Fayette	55.57	107.44	108.81	155.35	244.84	222.93
Forest	2.00	4.10	4.10	14.73	27.57	27.01
Franklin	302.44	597.72	590.76	1,175.20	2,005.16	1,576.30
Fulton	48.23	94.68	99.89	189.26	360.69	319.10
Greene	11.02	24.18	24.46	46.96	106.31	102.60
Huntingdon	26.03	86.78	78.58	268.60	624.81	339.33
Indiana	111.16	227.61	211.81	318.20	608.91	469.81
Jefferson	117.67	184.39	187.89	356.33	556.82	519.01
Juniata	76.35	124.71	121.40	310.91	464.92	418.43
Lackawanna	37.33	50.44	46.94	138.73	125.71	117.19
Lancaster	1,533.28	2,078.32	2,120.13	7,243.93	6,734.65	6,257.98
Lawrence	58.63	135.84	155.74	395.53	689.02	651.97
Lebanon	293.83	388.06	345.23	1,166.53	1,309.49	1,044.02
Lehigh	173.84	285.22	297.62	1,245.20	1,793.37	1,393.56
Luzerne	95.90	151.45	143.26	385.40	448.00	409.13
Lycoming	228.14	311.35	201.48	833.61	1,091.42	882.33
McKean	3.81	9.19	11.24	39.11	83.64	80.08
Mercer	109.88	134.75	134.05	488.98	702.43	626.60
Mifflin	162.30	445.89	347.08	1,089.71	1,707.43	485.83
Monroe	16.71	20.79	20.34	136.70	151.03	143.60
Montgomery	1,812.12	1,910.60	1,906.64	989.27	1,088.41	1,005.64
Montour	42.25	92.40	90.95	166.42	232.01	220.25
Northampton	79.95	165.68	160.41	533.60	834.51	527.38
Northumberland	161.52	278.15	210.26	748.95	1,124.60	807.94
Perry	113.56	237.27	231.45	374.10	677.52	535.14
Philadelphia	11.26	8.58	7.30	121.31	72.81	48.86
Pike	15.31	31.95	23.84	.20	.02	.02
Potter	41.78	70.59	70.56	283.71	371.77	369.79
Schuylkill	97.28	187.10	168.54	722.98	853.93	733.18
Snyder	81.05	151.58	145.06	674.72	839.52	786.82
Somerset	569.89	422.94	503.13	865.65	1,191.50	1,193.63
Sullivan	2.83	5.96	5.36	57.12	79.57	73.76
Susquehanna	62.02	95.57	99.21	172.24	232.07	217.83
Tioga	114.81	253.11	277.69	375.04	561.54	563.08
Union	70.80	153.68	144.46	605.97	841.97	675.83
Venango	16.13	30.01	31.35	53.92	84.13	82.57
Warren	3.46	7.53	9.76	72.48	114.03	114.04
Washington	88.11	108.86	205.64	283.07	455.45	466.00
Wayne	56.19	75.29	85.51	111.22	140.68	145.65
Westmoreland	146.41	186.45	182.76	420.48	372.96	321.37
Wyoming	106.06	139.08	133.89	251.27	340.50	317.71
York	692.80	1,121.25	1,106.93	3,102.26	3,690.99	3,220.12
PENNSYLVANIA	11,616.86	17,061.70	17,131.90	47,190.17	60,056.46	52,789.28

1/ Source: Bureau of Foods and Chemistry, Pennsylvania Department of Agriculture

UNITED STATES: CIVILIAN PER CAPITA CONSUMPTION OF MAJOR FOOD COMMODITIES, 1960-1978 1/

Commodity	1960	1970	1975	1976	1977	1978 2/
			Pounds			
Meats	134.1	151.4	145.4	155.3	154.6	149.6
Beef	64.3	84.1	88.9	95.7	93.2	89.2
Veal	5.2	2.4	3.5	3.3	3.2	2.5
Lamb and Mutton	4.3	2.9	1.8	1.7	1.5	1.4
Pork	60.3	62.0	51.2	54.6	56.7	56.5
Fish (Edible Weight)	10.3	11.8	12.2	13.0	12.8	12.9
Poultry Products:						
Eggs	42.4	39.5	35.4	34.8	34.5	34.6
Chicken (Ready-To-Cook)	27.8	40.5	40.3	43.3	44.9	47.6
Turkey (Ready-To-Cook)	6.2	8.0	8.6	9.2	9.2	9.5
Dairy Products:						
Cheese	8.3	11.5	14.5	15.8	16.4	17.4
Condensed And Evaporated Milk	13.7	7.1	5.0	3.6	3.3	2.9
Fluid Milk & Cream (Product Weight)	321.0	296.0	291.1	292.0	289.4	288.9
Ice cream (Product Weight)	18.3	17.7	18.7	18.1	17.7	17.7
Fats And Oils--Total Fat Content	45.3	53.0	53.4	56.1	54.4	56.0
Butter (Actual Weight)	7.5	5.3	4.8	4.4	4.4	4.6
Margarine (Actual Weight)	9.4	11.0	11.2	12.2	11.6	11.9
Lard	8.7	4.7	4.0	3.6	3.5	3.4
Shortening	12.6	17.3	17.3	18.1	17.6	18.0
Other Edible Fats And Oils	11.5	18.2	20.3	22.0	21.6	22.0
Fruits:						
Fresh	90.0	79.1	81.3	84.4	81.2	80.3
Citrus	32.5	27.9	28.7	28.5	25.2	24.6
Noncitrus	57.5	51.2	52.6	55.9	56.0	55.7
Processed:						
Canned Fruit	22.6	23.3	19.3	19.2	20.0	17.2
Canned Juice	13.0	14.6	15.3	16.2	15.6	18.0
Frozen (Including Juices)	9.1	9.8	12.6	12.2	11.9	11.4
Chilled Citrus Juices	2.1	4.7	5.7	6.5	6.0	6.0
Dried	3.1	2.7	3.0	2.7	2.7	2.6
Vegetables:						
Fresh 3/	96.0	91.0	93.9	94.7	93.2	95.2
Canned (Excluding Potatoes & Sweet Potatoes)	43.4	51.2	52.1	53.0	52.9	53.0
Frozen (Excluding Potatoes)	7.0	9.6	9.7	10.2	10.3	10.9
Potatoes 4/	105.0	115.3	120.2	114.9	119.8	125.4
Sweet Potatoes 4/	6.5	5.2	5.3	5.0	4.6	4.9
Grains:						
Wheat Flour 5/	118	110	107	111	108	112
Rice	6.1	6.7	7.7	7.2	7.6	5.8
Other						
Coffee	11.6	10.5	9.0	9.7	6.9	7.3
Tea	.6	.7	.8	.8	.9	.8
Cocoa	2.9	3.1	2.6	3.0	2.7	2.6
Peanuts (Shelled)	4.9	5.9	6.5	6.3	6.5	6.6
Dry Edible Beans	7.3	5.9	6.5	6.3	6.0	6.0
Melons	23.2	21.2	17.5	20.5	21.2	21.3
Sugar (Refined)	97.4	101.8	90.2	94.7	95.7	92.7

1/ Quantity in pounds, retail weight unless otherwise shown. Data on calendar year basis except for dried fruits, fresh citrus fruits, peanuts, and rice which are on a crop year basis. 2/ Preliminary. 3/ Commercial production for sale as fresh produce. 4/ Including fresh equivalent of processed. 5/ White, whole wheat, and semolina flour including use in bakery products.

PENNSYLVANIA: ESTIMATED TOTAL POPULATION, JULY 1, 1960-1978 1/

Year	Total Population	Year	Total Population
	Thousands		Thousands
1960	11,329	1974	11,827
1965	11,620	1975	11,860
1970	11,813	1976	11,862
1972	11,905	1977	11,785
1973	11,862	1978 2/	11,750

1/ U.S. Department of Commerce, Bureau of the Census, Current Population Reports. 2/ Preliminary.

The following periodic reports and special bulletins are available upon request addressed to –
PENNSYLVANIA CROP REPORTING SERVICE, 2301 North Cameron Street, Harrisburg, PA 17110
Telephone (717) 787-3904

ANNUAL SUMMARY – CROPS and LIVESTOCK– includes county data (June)
MONTHLY CROP REPORT – Pennsylvania and National seasonal estimates of field, fruit, vegetable and potato crops; monthly price; quarterly stocks of grain; and January 1 and May hay stocks
MONTHLY LIVESTOCK AND POULTRY REPORT – Pennsylvania and National monthly estimates of milk and egg production, chick and poult hatch, livestock slaughter, prices; quarterly cattle on feed; and semi-annual estimates of livestock and poultry numbers, pig, calf, lamb and wool crops
QUARTERLY SPECIAL DAIRY REPORT –Output and input data by milkshed
QUARTERLY AGRICULTURAL LABOR REPORT
WEEKLY BROILER REPORT -- Eggs set and chicks placed, 21 states
WEEKLY WEATHER AND CROP PROGRESS (April - Oct.)
FRUIT – APPLES; GRAPES; – COLD STORAGE (Nov. - May) VARIETIES (Aug. and Jan.)
POTATO STOCKS (Dec. - Apr.)
BEE and HONEY REPORT (January)
FLOWER and FOLIAGE PLANT PRODUCTION (April)
MACHINERY CUSTOM RATES (May)
MAPLE REPORT (May)
MANUFACTURED DAIRY PRODUCTS (June)
MINK REPORT (June)
MUSHROOM REPORT (August)

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Farmers' Newsline: Toll-Free 800-424-7964
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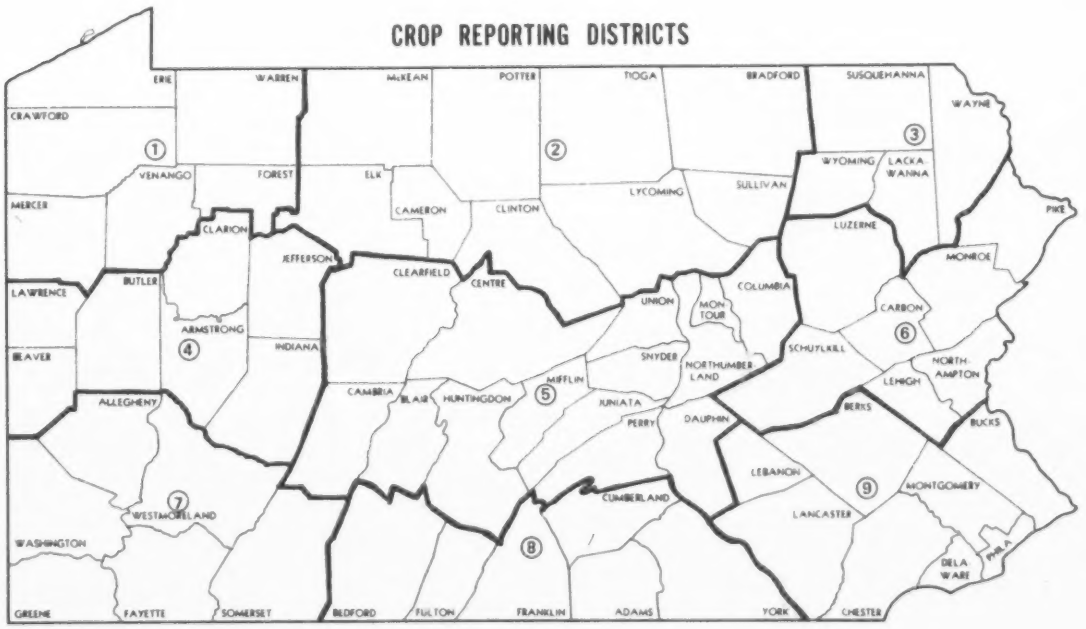
CROP REPORTING DISTRICTS



CROP AND LIVESTOCK DATA FOR YOUR _____ COUNTY*
(Name)

Page No.	Commodity	Year or Date	Number		Production				Value
			Unit	Total	Unit	Per acre or Head	Total	County Rank 1/	Dollars
37	Wheat	1978	Acres		Bu.				
41	Oats	1978	Acres		Bu.				
39	Barley	1978	Acres		Bu.				
30	Corn for grain	1978	Acres		Bu.				
31	Corn, silage	1978	Acres		Tons				
32	Hay, alfalfa	1978	Acres		Tons				
33	other	1978	Acres		Tons				
34	all	1978	Acres		Tons				
44	Potatoes	1978	Acres		Cwt.				
46	Tobacco	1978	Acres		Lbs.				
55	Apples	1978			Bu.				
55	Peaches	1978			Bu.				
	SUMMARY								
47	Field & Forage	1978	Acres						
47	Vegetables & Potatoes	1978	Acres						
47	Fruit	1978							
47	Total-crops	1978							
					Milk				
3	Milk cows & production	1978	Cows		Lbs.				
19	Layers & Egg producion	1978	Layers		Eggs				
21	Broilers produced	1978	Broilers		Lbs.				
23	Total-Poultry & Eggs	1978							
	INVENTORIES								
18	All chickens on hand	12-1-78	Head						
9	Hogs & pigs on hand	12-1-78	Head						
9	Cattle & calves on hand	1-1-79	Head						
9	Sheep & Lambs on hand	1-1-79	Head						
	CASH RECEIPTS								
64	Field crops	1977							
64	Vegetables & potatoes	1977							
64	Forest products	1977							
64	Hort. specialties	1977							
64	Fruit	1977							
64	Total-crops	1977							
65	Meat & misc. products	1977							
65	Dairy products	1977							
65	Poultry products	1977							
65	Total-livestock	1977							
65	Government payments	1977							
65	Total-cash receipts	1977							

1/ Ranking of top 10 counties shown on pages 69 and 70

* Source: Pennsylvania Crop Reporting Service

10/6/80

S 6760-1

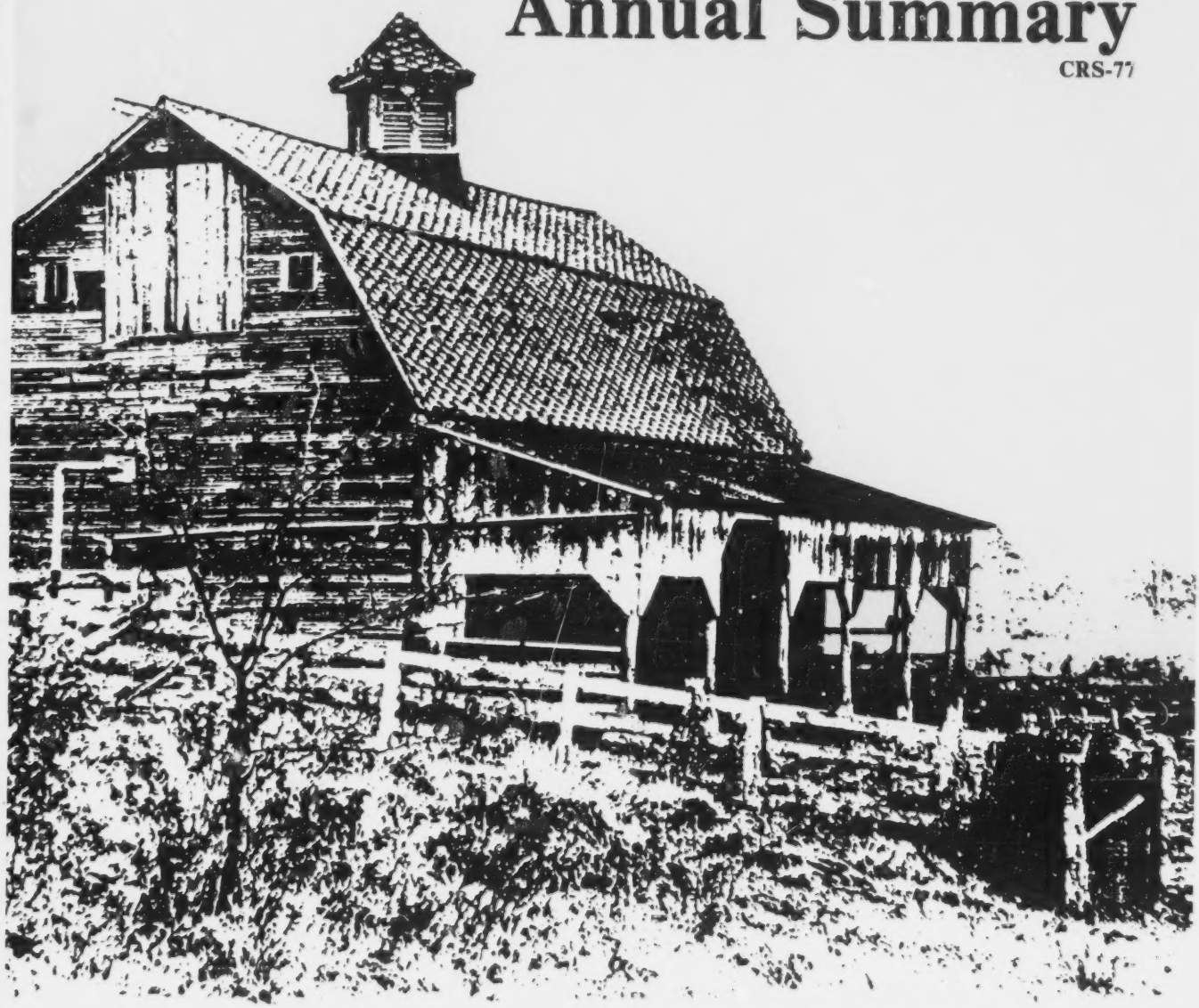
Pennsylvania
Crop
Reporting
Service

2301 North Cameron St.
Harrisburg, Pa. 17110

Phone: 717-787-3904

1979 CROP and LIVESTOCK Annual Summary

CRS-77



ECONOMICS, STATISTICS & COOPERATIVES SERVICE,
U.S. DEPARTMENT OF AGRICULTURE / PENNSYLVANIA DEPARTMENT OF AGRICULTURE

COMMONWEALTH OF PENNSYLVANIA

Dick Thornburgh, Governor

DEPARTMENT OF AGRICULTURE

Penrose Hallowell, Secretary

cooperating with

UNITED STATES DEPARTMENT OF AGRICULTURE

Bob Bergland, Secretary

ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE

William E. Kibler, Deputy Administrator

in compilation of agricultural statistics by

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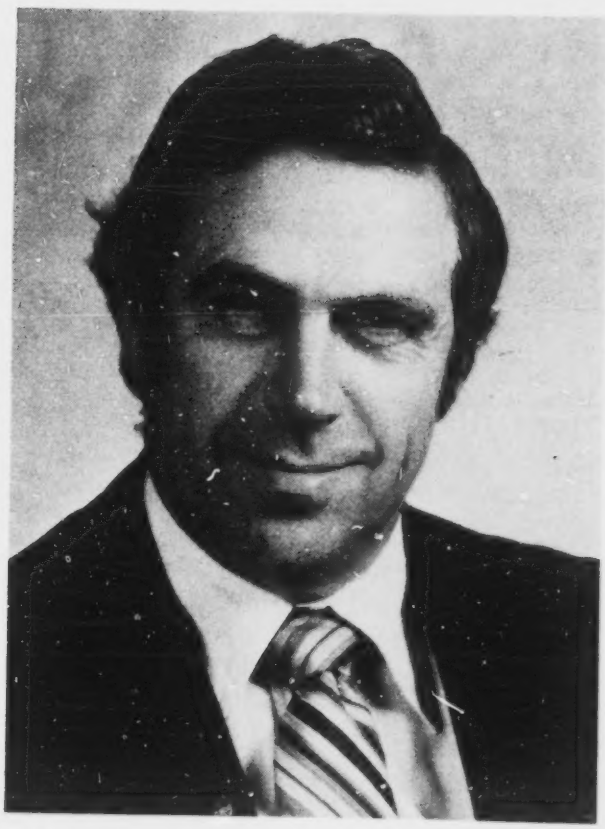
PENNSYLVANIA AGRICULTURE

PA

WE'RE GROWING BETTER

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF AGRICULTURE
HARRISBURG

"WE'RE GROWING BETTER"



Pennsylvania's agriculture has been through crisis after crisis in the past year, from Three Mile Island to a gas shortage, from too much rain to not enough snow, and from the threat of exotic diseases to the threat of rampant inflation. But through it all, our farm community continues to prosper because of its diversity and the steadfastness of our farm families.

"Pennsylvania Agriculture — We're Growing Better" is not just another slogan. It is a statement of fact. The Department of Agriculture has developed this logo as a means to mount a full scale campaign on behalf of our agricultural industries.

This campaign is aimed at increasing consumer identification, demand, and purchases of our agricultural products. At the same time, we will be focusing our efforts on promoting Pennsylvania agriculture and businesses which can best locate in our rural community.

To effectively promote Pennsylvania agriculture — a regular, dependable measurement of the output of our farms is a vital necessity. The responsibility for conducting this measurement and furnishing the results to all interested parties belongs to the Pennsylvania Crop Reporting Service. This annual summary publication and various releases issued during the year provide the information needed to efficiently direct our agricultural enterprises.

To help the Crop Reporting Service successfully perform these essential services, I encourage you to cooperate with their data gathering efforts, whether it be in the form of a mailed questionnaire, a phone inquiry or a personal interview. This self-help effort will demonstrate our claim that "We're Growing Better."

Sincerely yours,

Penrose Hallowell

PENROSE HALLOWELL
Secretary of Agriculture

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DAIRY SUMMARY — 1979

By William J. Sedlak

MILK PRODUCTION SETS ANOTHER RECORD: Milk production in Pennsylvania during 1979 totaled 8.08 billion pounds, up almost 3 percent from the previous year's production of 7.88 billion pounds. Production per cow at 11,532 pounds increased 273 pounds per cow from 1978 and continued an upward trend that started in 1974 and has set new records each of the last four years.

The number of dairy cows in the Commonwealth during 1979 averaged 701,000 head, up 1,000 head from 1978 but down 2,000 head from 1977. The increase in the number of milk cows in Pennsylvania interrupted the long-term downward trend which was also briefly interrupted in 1976.

Pennsylvania was the fifth largest milk producing state in the Nation in 1979. Wisconsin was first followed by California, New York, and Minnesota respectively.

MILK DISPOSITION: Farmers in Pennsylvania marketed a total of 7.98 billion pounds of milk during 1979, up almost 3 percent from 1978. Of the total amount marketed, 374 million pounds were retailed by farmers directly to consumers compared with 321 million pounds during 1978. Milk used on farms totaled 100 million pounds of which 40 million pounds were used for food and drink, down 15 million pounds from 1978. Also, 60 million pounds were fed to calves, 5 million pounds more than in 1978.

WHOLESALE MILK BLEND PRICE REMAINS HIGH: The annual wholesale milk blend price averaged $12.70 per 100 pounds of milk for 1979, $1.60 per cwt. higher than in 1978. The blend price started in January at $12.60 per cwt., declined to $12.00 per cwt. in June, climbed to $13.60 per cwt. in November, and closed out the year at $13.40 per cwt. in December. While milk prices were increasing, the cost for input items was also increasing. Production costs for Pennsylvania dairymen for the year ended December 31, 1979 averaged $10.93 per 100 pounds of milk. This is 4 percent above the year ending December 1978 and 12 percent above 1977. Production items contributing most to the increase were: machinery, labor, feed and replacement milk cows.

The total value of the milk produced in the state during 1979 was $1,043,644,000 compared with $889,765,000 in 1978. The number of commercial dairy farms for 1979 is estimated at 14,500 farms compared with 15,000 farms in 1978.

LANCASTER COUNTY LEADS IN MILK PRODUCTION: Lancaster County continues to rank first in total milk production with 1.168 billion pounds produced in 1979. Bradford County was second with 498 million pounds; Franklin County was third with 467 million pounds; Chester County was fourth with 350 million pounds; and Tioga County was fifth with 284 million pounds. Other counties producing over 200 million pounds of milk were Crawford, Erie, Susquehanna, Wayne, Cumberland, Berks and Lebanon.

PENNSYLVANIA: MILK PRODUCTION COSTS - TOTAL AND SELECTED ITEMS, 1965-1979 1/

Year	Average Cost Per 100 Pounds Of Milk 2/	Average Value Of Grain And Concentrates (Per 100 Pounds)	Average Hourly Wage Rates Paid By Dairymen	Average Milk Cow Replacement Value
		Dollars		
1965	5.23	3.42	1.16	272
1966	5.46	3.55	1.23	309
1967	5.56	3.71	1.30	329
1968	5.52	3.71	1.36	336
1969	5.57	3.55	1.47	355
1970	5.78	3.67	1.57	412
1971	6.14	3.84	1.69	486
1972	6.38	3.89	1.79	500
1973	7.56	5.31	1.96	609
1974	8.25	6.40	2.15	621
1975	8.54	6.54	2.24	533
1976	9.12	6.49	2.37	638
1977	9.80	6.83	2.55	662
1978	10.47	6.71	2.74	743
1979	10.93	7.28	3.06	1,110

1/ Reported by commercial dairymen.
2/ Includes value or cost for: grain, roughage, labor, hauling, milk cow replacement, land, building and fencing materials, electricity, taxes, tractor (30-39 h.p.) and limestone.

PENNSYLVANIA: MILK COWS, MILK PRODUCTION AND MILK PRICE, BY MONTHS, 1960-1979

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Milk Cows On Farms 1/(Thous. Head)													
1960	880	880	881	882	884	884	885	885	886	887	888	888	884
1965	823	820	817	814	811	808	805	802	799	796	793	790	806
1970	712	710	708	707	706	705	704	703	702	701	700	698	705
1971	698	698	697	696	695	694	693	692	691	690	689	689	694
1972	689	688	687	686	685	684	683	682	681	680	679	678	684
1973	678	674	671	666	664	662	660	661	668	674	676	678	669
1974	678	683	688	687	687	685	685	688	695	692	687	687	687
1975	688	695	700	705	703	700	697	703	701	699	698	704	699
1976	709	709	704	704	699	699	703	707	707	711	711	705	706
1977	705	705	703	703	700	700	699	703	707	703	703	703	703
1978	703	703	699	699	696	696	696	700	703	700	700	703	700
1979	705	702	698	698	697	696	696	701	705	703	706	710	701
Milk Production Per Cow (Lbs.)													
1960	630	595	695	695	785	705	630	630	610	614	590	600	7,780
1965	730	675	795	795	870	795	725	715	700	715	690	726	8,940
1970	825	765	875	880	940	885	850	830	825	840	775	820	10,105
1971	840	780	875	880	940	900	875	865	850	860	820	835	10,310
1972	860	830	885	895	960	895	845	840	820	825	800	830	10,279
1973	825	760	875	890	930	880	845	825	800	810	780	820	10,042
1974	825	750	850	875	950	920	875	850	825	830	785	830	10,160
1975	825	775	875	885	955	910	855	845	825	825	795	835	10,215
1976	825	815	870	900	985	945	905	905	890	890	840	870	10,633
1977	880	820	920	945	1,020	975	955	950	920	920	880	900	11,083
1978	895	840	955	960	1,025	990	975	955	930	935	890	910	11,259
1979	910	860	970	980	1,040	1,005	985	970	965	960	930	950	11,532
Total Milk Production (Mil. Lbs.)													
1960	554	524	612	613	694	623	558	558	540	545	524	533	6,878
1965	601	554	650	647	706	642	584	573	559	569	547	574	7,206
1970	587	543	620	622	664	624	598	583	579	589	543	572	7,124
1971	586	544	610	612	653	625	606	599	587	593	565	575	7,155
1972	593	571	608	614	658	612	577	573	558	561	543	563	7,031
1973	559	512	587	593	618	583	558	545	534	546	527	556	6,718
1974	559	512	585	601	653	630	599	585	573	574	539	570	6,980
1975	568	539	613	624	671	637	596	594	578	577	555	588	7,140
1976	585	578	612	634	689	661	636	640	629	633	597	613	7,507
1977	620	578	647	664	714	683	668	668	650	647	619	633	7,791
1978	629	591	668	671	713	689	679	669	654	655	623	640	7,881
1979	642	604	677	684	725	699	686	680	680	675	657	675	8,084
Wholesale Milk Price (Blend)(Dols. Per Cwt.)													
1960	5.00	4.90	4.75	4.45	4.20	4.25	4.50	4.70	4.95	5.10	5.20	5.15	4.74
1965	4.96	4.87	4.75	4.53	4.31	4.31	4.62	4.75	5.01	5.11	5.23	5.14	4.79
1970	6.44	6.39	6.31	6.37	6.19	6.15	6.24	6.31	6.47	6.65	6.73	6.77	6.42
1971	6.62	6.63	6.52	6.39	6.23	6.17	6.27	6.33	6.51	6.58	6.71	6.70	6.47
1972	6.74	6.82	6.68	6.53	6.44	6.40	6.52	6.71	6.96	7.12	7.25	7.19	6.77
1973	7.25	7.30	7.25	7.10	7.00	7.10	7.30	7.85	8.60	8.95	9.20	9.35	7.86
1974	9.40	9.45	9.50	9.40	9.00	8.35	8.20	8.20	8.50	8.75	9.00	8.80	8.88
1975	8.87	8.85	8.65	8.60	8.49	8.43	8.63	9.33	9.80	10.20	10.50	10.80	9.25
1976	11.00	10.70	10.60	10.20	9.90	9.75	10.10	10.40	10.70	10.80	10.80	10.50	10.40
1977	10.40	10.40	10.20	10.00	9.95	10.00	10.20	10.40	10.70	10.90	11.00	10.90	10.40
1978	10.90	10.90	10.90	10.60	10.50	10.60	10.70	11.10	11.40	11.70	12.10	12.40	11.10
1979	12.60	12.70	12.50	12.30	12.10	12.00	12.40	12.60	12.90	13.30	13.60	13.40	12.70

PENNSYLVANIA: MILK USED AND MARKETED BY FARMERS, 1960-1979

Year	Production Of Milk And Milkfat 3/			Milk Used On Farms Where Produced			Milk Marketed By Farmers			
							Sold To Plants And Dealers		Sold Directly	
	Milk	Milkfat	B.F. %	Fed To Calves 2/	Used For Milk, Cream & Butter	Total	As Whole Milk	As Separated Cream 3/	To Consumers 4/	Total
	Million Pounds									
1960	6,878	258	3.75	95	258	353	6,310	60	155	6,525
1965	7,206	269	3.73	70	161	231	6,760	35	180	6,975
1970	7,124	266	3.73	54	126	180	6,725	18	201	6,944
1971	7,155	265	3.70	39	116	155	6,805	15	180	7,000
1972	7,031	262	3.73	45	106	151	6,685	15	180	6,880
1973	6,718	250	3.72	44	100	144	6,350	15	209	6,574
1974	6,980	259	3.71	41	95	136	6,580	15	249	6,844
1975	7,140	265	3.71	41	90	131	6,705	15	289	7,009
1976	7,507	279	3.71	50	80	130	7,060	15	302	7,377
1977	7,791	290	3.72	55	70	125	7,370	15	281	7,666
1978	7,881	295	3.74	55	55	110	7,450	-	321	7,771
1979	8,084	301	3.72	60	40	100	7,610	-	374	7,984

1/ Average number in milking herds. 2/ Excludes milk sucked by calves. 3/ Total milk separated on farms for cream sales to plants and dealers. 4/ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

PENNSYLVANIA: AVERAGE NUMBER OF MILK COWS, PRODUCTION AND VALUE OF PRODUCTION, 1979

County & District	Average Number Of Milk Cows	Production		Value Of Production
		Per Cow	Total	
	Number	Pounds	Thousand Pounds	Thousand Dollars
Crawford	24,900	11,000	273,200	35,270
Erie	18,300	12,100	222,250	28,693
Forest	500	8,400	4,220	545
Mercer	9,800	11,600	113,340	14,632
Venango	1,800	11,400	20,530	2,650
Warren	4,700	11,900	55,890	7,215
NORTHWESTERN, TOTAL	60,000	11,491	689,430	89,005
Bradford	45,500	11,000	498,370	64,340
Cameron	200	10,200	2,040	263
Clinton	4,500	10,200	46,000	5,939
Elk	900	10,000	8,980	1,159
Lycoming	7,700	10,700	82,240	10,617
McKean	1,900	11,800	22,400	2,892
Potter	6,600	12,400	81,880	10,571
Sullivan	1,800	10,500	18,830	2,431
Tioga	25,900	11,000	283,760	36,633
NORTH CENTRAL, TOTAL	95,000	10,995	1,044,500	134,845
Lackawanna	2,200	9,600	21,040	2,716
Susquehanna	24,700	11,000	271,970	35,111
Wayne	18,800	10,800	202,440	26,135
Wyoming	7,300	11,800	86,060	11,111
NORTHEASTERN, TOTAL	53,000	10,972	581,510	75,073
Armstrong	4,100	9,400	38,740	5,001
Beaver	3,700	9,900	36,510	4,714
Butler	6,200	11,800	73,430	9,480
Clarion	6,600	11,000	72,290	9,333
Indiana	8,100	10,500	84,780	10,945
Jefferson	3,400	11,100	37,600	4,854
Lawrence	5,900	11,300	66,750	8,617
WEST CENTRAL, TOTAL	38,000	10,792	410,100	52,944
Blair	12,600	13,300	167,040	21,565
Cambria	1,500	9,600	14,440	1,864
Centre	12,900	10,900	141,190	18,228
Clearfield	1,700	12,400	21,120	2,727
Columbia	3,600	10,000	36,100	4,661
Dauphin	7,200	11,700	84,200	10,870
Huntingdon	10,500	11,400	119,600	15,440
Juniata	10,000	11,200	111,980	14,457
Mifflin	13,000	12,200	158,240	20,429
Montour	1,800	13,300	23,980	3,096
Northumberland	4,300	11,300	48,420	6,251
Perry	8,600	12,500	107,780	13,914
Snyder	7,100	9,900	70,020	9,039
Union	6,200	12,200	75,610	9,761
CENTRAL, TOTAL	101,000	11,680	1,179,720	152,302
Carbon	400	10,500	4,200	542
Lehigh	2,100	11,200	23,500	3,034
Luzerne	2,400	9,700	23,210	2,996
Monroe	700	11,500	8,030	1,037
Northampton	8,100	12,100	97,610	12,601
Pike	200	8,400	1,670	216
Schuylkill	3,100	10,300	31,900	4,118
EAST CENTRAL, TOTAL	17,000	11,184	190,120	24,544
Allegheny	1,100	10,500	11,520	1,487
Fayette	4,600	10,300	47,410	6,121
Greene	2,400	9,700	23,240	3,000
Somerset	16,400	11,900	195,650	25,259
Washington	11,400	9,700	110,970	14,326
Westmoreland	10,100	10,700	108,490	14,006
SOUTHWESTERN, TOTAL	46,000	10,810	497,280	64,199
Adams	10,900	10,900	118,380	15,283
Bedford	15,500	11,400	176,540	22,791
Cumberland	22,700	12,200	276,270	35,667
Franklin	37,600	12,400	466,630	60,242
Fulton	5,200	11,600	60,210	7,773
York	18,100	11,000	199,210	25,718
SOUTH CENTRAL, TOTAL	110,000	11,793	1,297,240	167,474
Berks	22,300	12,100	270,280	34,893
Bucks	7,900	11,400	90,090	11,631
Chester	30,100	11,600	350,470	45,246
Delaware	600	11,300	6,780	875
Lancaster	95,000	12,300	1,167,710	150,751
Lebanon	19,100	12,600	240,510	31,050
Montgomery	6,000	11,400	68,260	8,812
Philadelphia	1/	1/	1/	1/
SOUTHEASTERN, TOTAL	181,000	12,122	2,194,100	283,258
PENNSYLVANIA	701,000	11,532	8,084,000	1,043,644

1/ Included in Montgomery County total to prevent disclourse of individual operations.

MANUFACTURED DAIRY PRODUCTS — 1978

By William J. Sedlak

SEVEN PERCENT MORE MILK USED IN MANUFACTURED DAIRY PRODUCTS: During 1978 a total of 3,048 million pounds of milk (on a whole milk equivalent basis) was used in manufactured dairy products in Pennsylvania. Of this total, 35 percent was used for frozen products, 27 percent for butter, 22 percent for cheese, and 16 percent for other milk products.

PENNSYLVANIA ICE CREAM PRODUCTION UP FIVE PERCENT: Pennsylvania remained the second largest ice cream producing state in the nation during 1978 with a production of 71.6 million gallons. California was the leading producer with a total production of 88.2 million gallons. Ninety-six percent of the ice cream produced in the Commonwealth was the hard frozen type.

PENNSYLVANIA CHEESE PRODUCTION INCREASES: Total cheese production in Pennsylvania during 1978, excluding cottage cheese, increased 2 percent over 1977. American cheese production was down 2 percent. Mozzarella production was up 10 percent, and other types of Italian cheese production was up 13 percent from 1977. Creamed cottage cheese production was down 5 percent from the previous year while low-fat cottage cheese production increased 2 percent. Creamery butter production increased to 38.4 million pounds, up 20 percent from 1977

PENNSYLVANIA: SPECIFIED DAIRY PRODUCTS MANUFACTURED, MONTHLY, 1978

Product	Plants	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Number	Thousand Pounds												
Butter	11	4,207	3,980	3,789	3,656	3,675	3,197	2,540	2,466	2,149	2,752	2,947	3,054	38,412
Cheese, Total	23	8,120	7,403	9,506	8,318	9,040	8,994	7,282	8,096	6,880	7,588	6,618	7,772	95,617
American	3	3,529	3,051	3,631	3,380	3,450	3,257	2,257	3,074	2,550	2,638	1,884	2,705	35,406
Italian, All	14	2,859	2,981	3,908	3,129	3,697	3,467	3,234	3,324	2,900	3,385	3,249	3,435	39,568
Mozzarella & Similars	11	1,981	1,862	2,408	2,237	2,416	2,367	2,237	2,244	1,893	2,216	2,124	2,255	26,240
Cream	3	880	722	948	858	862	983	630	806	810	908	938	969	10,314
Swiss	6	835	639	993	936	1,014	1,274	1,147	876	606	640	533	652	10,145
Cottage Cheese, Low-Fat	9	1,254	1,194	1,397	1,380	1,324	1,313	1,251	1,398	1,218	1,273	1,212	1,091	15,305
Curd	19	2,945	3,230	3,593	3,602	3,805	3,545	3,243	3,519	3,231	3,291	3,056	2,713	39,773
Creamed	20	3,346	3,856	4,334	4,287	4,408	4,140	3,681	3,974	3,676	3,735	3,469	3,079	45,985
Condensed Bulk Products: Milk, Unsweetened	4	1,989	2,747	3,093	1,582	2,202	2,844	3,048	2,685	2,480	2,358	2,305	2,512	29,845
Skim, Unsweetened	8	3,825	4,004	5,071	5,961	8,066	7,409	7,308	8,422	5,738	5,231	4,716	5,002	70,753
Dry Milk, Non-Fat: Human Food	7	1,844	1,577	1,682	2,361	2,949	3,131	1,861	1,339	635	331	343	906	18,959
		Thousand Gallons												
Ice Cream, Total	-	4,635	5,192	5,707	5,558	6,332	6,778	6,434	7,532	6,459	6,128	5,216	5,580	71,551
Hard	67	4,454	4,981	5,466	5,317	6,061	6,477	6,163	7,201	6,188	5,887	5,005	5,339	68,539
Ice Milk	-	780	972	1,518	1,612	2,034	2,345	2,381	2,282	1,651	1,066	956	746	18,343
Milk Sherbet	-	196	135	226	242	316	391	358	371	244	167	179	190	3,015
Other Frozen Products	6	70	55	84	84	99	92	77	52	56	65	54	28	816
Water Ices	17	59	67	176	211	323	484	473	339	165	72	70	41	2,480
Mix, Ice Cream	64	2,379	2,633	2,982	2,797	3,355	3,574	3,413	3,973	3,498	3,079	2,661	2,780	37,124
Ice Milk	54	424	481	752	797	1,111	1,217	1,222	1,192	758	595	531	415	9,495
Milk Sherbet	44	120	92	151	160	221	258	233	250	160	123	116	119	2,003

PENNSYLVANIA: DAIRY PRODUCTS MANUFACTURED, 1965-1978

Manufactured Products	1965	1969	1973	1974	1975	1976	1977	1978
				1,000 Pounds				
Butter	16,992	23,890	18,549	19,065	25,543	23,441	32,092	38,412
American Types Of Cheese	4,597	470	2,382	36,909	28,923	37,027	36,233	35,406
Swiss Cheese	2,686	7,730	1/	14,162	11,839	12,928	10,726	10,145
All Italian Types Of Cheese	7,381	8,430	10,502	12,492	20,763	29,213	35,657	39,568
Total Cheese	20,693	21,951	35,624	68,955	67,985	87,743	93,706	95,617
Cottage Cheese, Curd	40,550	38,588	43,002	39,853	41,890	40,541	40,466	39,773
Creamed	49,252	46,647	49,525	46,419	49,035	47,821	48,220	45,985
Low Fat	-	-	10,500	11,033	12,087	13,277	14,987	15,305
Condensed Milk (Unsweetened):								
Bulk Goods (Whole)	55,449	27,671	34,494	33,277	38,336	37,318	33,529	29,845
(Skimmed)	111,719	72,996	63,642	45,961	43,883	50,141	51,548	70,753
Evaporated & Condensed Milk:								
Case Goods (Whole)	94,585	102,272	88,767	86,072	78,255	102,162	1/	1/
Nonfat Dry Milk For Human Food	45,465	42,417	18,980	16,275	14,752	9,731	23,100	18,959
Dry Skim Milk For Animal Feed	211	52	46	74	241	92	69	1/
Dry Buttermilk	581	94	616	1/	640	213	432	1/
				1,000 Gallons				
Ice Cream, Total	70,878	74,174	69,177	65,468	72,976	70,721	68,338	71,551
Ice Cream, Hard	-	68,647	65,568	61,172	67,839	66,168	64,991	68,539
Ice Milk	10,672	13,042	16,656	17,075	16,817	16,076	17,969	18,343
Milk Sherbet	3,447	3,893	3,930	3,179	2,956	3,023	2,859	3,015
Water Ices	3,402	-	2,849	2,677	2,674	2,437	2,638	2,480
Ice Cream Mix	36,669	38,371	36,895	34,250	37,495	36,197	34,823	37,124
Ice Milk Mix	7,493	7,416	9,038	9,203	8,760	8,529	9,943	9,495
Milk Sherbet Mix	2,444	2,696	2,746	2,162	1,903	1,887	1,867	2,003
Other Frozen Dairy Products	156	85	1,062	1,049	787	696	726	816

1/ Production not shown when made by less than 3 plants or individual plant operations might be disclosed.

PENNSYLVANIA: RANK AMONG STATES IN THE MANUFACTURE OF DAIRY PRODUCTS, 1978

Item	1	2	3	4	5	6	7	8	9	10
Italian Cheese	Wis.	N.Y.	Calif.	Minn.	PA.	Nebr.	Ill.	Vt.	N.J.	Wash.
Creamed Cottage Cheese	N.Y.	Calif.	Wisc.	Ohio	Mich.	PA.	Ill.	Wash.	Ind.	Mo.
Low Fat Cottage Cheese	Calif.	N.Y.	PA.	Ohio	Wash.	Colo.	Wis.	Minn.	Texas	Okla.
Ice Cream	Calif.	PA.	N.Y.	Ohio	Mass.	Ill.	Texas	Mich.	Minn.	Fla.
Ice Milk	Calif.	Ohio	PA.	Ill.	Fla.	Mich.	Texas	N.C.	N.Y.	Mo.
Milk Sherbet	Calif.	PA.	Texas	N.Y.	Ohio	Ill.	Mass.	Ind.	N.C.	Mich.
Total Frozen Products	Calif.	PA.	N.Y.	Ohio	Texas	Ill.	Mass.	Mich.	Fla.	N.C.
Whole Milk In Manufactured Milk Products	Wis.	Minn.	Calif.	N.Y.	PA.	Ohio	Iowa	Mo.	Mich.	Ill.

LIVESTOCK INVENTORY AND PRODUCTION — 1979

By William J. Sedlak

CATTLE NUMBERS UP 3 PERCENT: An estimated 50,000 Pennsylvania cattle farms had 1,900,000 cattle and calves on hand January 1, 1980, up 3 percent from the 1,840,000 head a year earlier. The inventory value of $1,396,500,000 is up 43 percent from a year earlier with a record high value per head of $735 contributing most to the increase.

The milk cow inventory on 22,000 dairy farms was 712,000 head, 1 percent above the previous year. Milk replacement heifers 500 pounds and over totaled 266,000 head, up 16 percent from January 1, 1979.

Beef cows that have calved at 175,000 were up 2 percent, and beef replacement heifers 500 pounds and over at 46,000 were up 10 percent. Other heifers 500 pounds and over numbered 51,000, down 14 percent; steers 500 pounds and over at 238,000 were up 3 percent; and bulls 500 pounds and over totaled 38,000, down 7 percent. The number of steers, heifers, and bulls under 500 pounds totaled 374,000 head, up 3 percent from January 1, 1979.

SMALLEST CALF CROP SINCE 1938: The 1979 Pennsylvania calf crop was 760,000 head, down 1 percent, 10,000 head, from the 1978 crop. This is the smallest calf crop since the 1938 crop of 733,000.

HOG NUMBERS LARGEST SINCE JANUARY 1, 1944: On December 1, 1979 there were 870,000 hogs and pigs on 19,000 Pennsylvania hog farms, up 6 percent or 50,000 head from a year earlier and the largest hog inventory since the January 1, 1944 estimate of 1,043,000 head. Total inventory value at $48,720,000 was down 25 percent. Breeding stock on hand at 119,000 head was up 3 percent over a year ago. Market hog numbers at 751,000 were 7 percent above 705,000 a year earlier.

PIG CROP UP 16 PERCENT: The total pig crop for 1979 (December 1978-November 1979) was 1,133,000, 16 percent more than the 979,000 pigs weaned during 1978. Sows farrowing for the year were estimated at 153,000, up 14 percent from 1978, and litter size averaged 7.41 compared with 7.30 for 1978. The spring (December-May) pig crop for 1979 totaled 600,000, up 32 percent from the same period a year ago. The 80,000 sows farrowed produced an average of 7.5 pigs per litter. The fall (June-November) pig crop was 533,000 head, up 1 percent from a year ago and was farrowed by 73,000 sows with an average of 7.3 pigs per litter.

PENNSYLVANIA CATTLE ON FEED DOWN 8 PERCENT: Pennsylvania cattle feeders had 79,000 cattle and calves on feed for slaughter market on January 1, 1980, down 8 percent from a year ago. It was estimated that 69,000 of the total cattle on feed on January 1, 1980 were steers and steer calves, 8,000 head were heifer and heifer calves, and 2,000 head were cows and others. Marketings of fed cattle during the October-December 1979 quarter at 19,000 head was the same as a year earlier. Total 1979 marketings of 104,000 head were down 6,000 head from the total marketings during 1978. Placements of cattle and calves on feed during the October-December quarter totaled 50,000 head, the same as a year ago. Expected marketings of fed cattle, if realized, during the April-June 1980 quarter are estimated at 30,000 head, 3 percent above the corresponding quarter in 1979.

SHEEP NUMBERS UP 6 PERCENT: Inventory of sheep and lambs on Pennsylvania farms January 1, 1980 at 85,000 head was up 6 percent from the 80,000 head on farms a year earlier. Of the total stock sheep, 63,000 head were ewes one year and older, 4,000 head were rams and wethers one year and older, 15,000 head were ewe lambs, and 3,000 head were ram and wether lambs. The inventory value of all sheep and lambs on January 1, 1980 was $5,185,000, up 39 percent from a year earlier.

LAMB PRODUCTION DOWN 3 PERCENT: The lamb crop in Pennsylvania during 1979 was estimated at 60,000 head, down 3 percent from the 62,000 lambs saved during 1978. The lambing rate was 102 per 100 ewes one year old and older compared with 103 lambs for 1978.

WOOL PRODUCTION UP 6 PERCENT: During 1979, 78,000 sheep were shorn in Pennsylvania, and 554,000 pounds of wool were produced, up 5 percent and 6 percent respectively. Fleece weight averaged 7.1 pounds with an average annual price of 85 cents per pound.

RED MEAT PRODUCTION UNCHANGED: Red meat production from commercial slaughter establishments in Pennsylvania totaled 1.03 billion pounds liveweight during 1979, virtually unchanged from 1978. Beef production at 867 million pounds was down 12 percent; veal production at 37 million pounds was down 26 percent; pork production at 744 million pounds was up 13 percent; and lamb and mutton production at 16 million pounds was up 34 percent.

PENNSYLVANIA: LIVESTOCK ON FARMS AND VALUE, JANUARY 1, 1960-1980

Year	Hogs & Pigs 1/		Cattle & Calves		Sheep & Lambs		3 Species
	Number	Value	Number	Value	Number	Value	Value
	Thousands						
1960	558	$ 12,332	1,913	$ 390,252	250	$ 3,800	$ 406,384
1965	402	10,693	1,874	335,446	189	2,778	348,917
1970	570	21,204	1,781	445,250	165	3,548	470,002
1971	627	16,616	1,763	467,195	160	3,440	487,251
1972	614	17,192	1,763	502,455	150	3,075	522,722
1973	553	20,738	1,745	558,400	144	2,952	582,090
1974	560	30,800	1,832	723,640	144	4,392	758,832
1975	590	27,435	1,960	529,200	125	3,500	560,135
1976	660	47,190	1,960	607,600	120	3,660	658,450
1977	700	31,500	1,960	656,600	100	3,150	691,250
1978	790	44,635	1,900	665,000	80	2,920	712,555
1979	820	64,780	1,840	975,200	80	3,720	1,043,700
1980	870	48,720	1,900	1,396,500	85	5,185	1,450,405

1/ December 1 preceding year shown, 1970 to date.

PENNSYLVANIA: PIG CROP, 1960-1979

Year	Spring Crop (December - May)			Fall Crop (June - November)			Total Pig Crop
	Sows Farrowed	Pigs Per Litter	Pigs Saved	Sows Farrowed	Pigs Per Litter	Pigs Saved	
1960	61,000	7.1	433,000	54,000	7.2	389,000	822,000
1965	42,000	7.5	315,000	38,000	7.8	296,000	611,000
1970	57,000	7.5	428,000	56,000	7.6	426,000	854,000
1971	60,000	7.4	444,000	50,000	7.6	380,000	824,000
1972	55,000	7.6	418,000	45,000	7.8	351,000	769,000
1973	52,000	7.8	406,000	46,000	7.8	359,000	765,000
1974	54,000	7.8	421,000	47,000	7.7	362,000	783,000
1975	63,000	7.7	485,000	49,000	7.9	387,000	872,000
1976	72,000	7.3	526,000	60,000	7.4	444,000	970,000
1977	68,000	7.7	524,000	66,000	7.4	488,000	1,012,000
1978	62,000	7.3	453,000	72,000	7.3	526,000	979,000
1979	80,000	7.5	600,000	73,000	7.3	533,000	1,133,000

PENNSYLVANIA: CALF CROP, 1960-1979

Year	Cows & Heifers 2 Yrs. Old & Older January 1	Cows That Have Calved	Calves Born
	Thousand Head		
1960	1,068	-	918
1965	1,033	-	888
1970	941	857	831
1971	-	848	831
1972	-	839	820
1973	-	824	790
1974	-	827	780
1975	-	862	800
1976	-	914	790
1977	-	902	775
1978	-	902	770
1979	-	874	760

PENNSYLVANIA: LAMB AND WOOL CROPS, 1960-1979

Year	Breeding Ewes 1 Yr. & Older January 1	Lambs Saved Per 100 Ewes 1+ January 1	Lambs Saved	Sheep Shorn	Weight Per Fleece	Wool Production	Value Of Wool Production
	Thousand	Number	Thousand		Pounds	1,000 Lbs.	1,000 Dollars
1960	169	95	161	230	7.3	1,679	823
1965	133	102	136	174	7.6	1,322	740
1969	124	102	126	156	7.4	1,154	485
1970	122	101	123	152	7.3	1,110	477
1971	120	101	121	144	7.3	1,051	294
1972	113	98	111	138	7.3	1,007	413
1973	108	103	111	132	7.2	950	580
1974	108	107	116	120	7.0	840	428
1975	94	106	100	115	7.0	805	314
1976	91	105	96	100	7.1	710	426
1977	75	104	78	92	7.1	653	470
1978	60	103	62	74	7.1	525	399
1979	59	102	60	78	7.1	554	471

PENNSYLVANIA: LIVESTOCK AND POULTRY INVENTORY, 1974-1980

Specie & Class	Number On Farms December 1					
	1974	1975	1976	1977	1978	1979
	Thousand Head					
Hogs And Pigs	590	660	700	790	820	870
Kept For Breeding	77	83	77	92	115	119
Market Hogs And Pigs	513	577	623	698	705	751
Under 60 Pounds	179	190	237	244	282	259
60-119 Pounds	133	167	193	230	197	210
120-179 Pounds	103	122	103	98	120	158
180 Pounds And Over	108	98	90	126	106	124
Chickens, Excluding Broilers	15,050	13,850	14,512	17,220	19,025	20,930
Hens And Pullets Of Laying Age	12,386	11,385	11,900	14,200	15,300	16,600
Hens	4,876	4,958	4,565	6,025	5,546	5,230
Pullets	7,510	6,427	7,335	8,175	9,754	11,370
Pullets Not Of Laying Age	2,544	2,353	2,476	2,855	3,537	4,121
3 Months And Older	1,448	1,348	1,354	1,364	1,397	2,175
Under 3 Months	1,096	1,005	1,122	1,491	2,140	1,946
Other Chickens, Excluding Broilers	120	112	136	165	188	209
Turkey Breeder Hens	24	27	24	17	48	61
	Number On Farms January 1					
	1975	1976	1977	1978	1979	1980
	Thousand Head					
Cattle And Calves	1,960	1,960	1,960	1,900	1,840	1,900
Cows And Heifers Calved	862	914	902	902	874	887
Milk Cows	686	706	706	703	703	712
Beef Cows	176	208	196	199	171	175
Heifers 500 Pounds And Over	362	343	341	352	331	363
Milk Cow Replacement	236	221	221	237	230	266
Beef Cow Replacement	49	53	51	48	42	46
Other	77	69	69	67	59	51
Steers 500 Pounds And Over	260	245	294	247	230	238
Bulls 500 Pounds And Over	59	47	51	38	41	38
Heifers, Steers And Bulls Under 500 Pounds	417	411	372	361	364	374
Sheep And Lambs	125	120	100	80	80	85
Lambs	24	23	20	15	16	18
Ewes	17	17	15	10	12	15
Wethers And Rams	7	6	5	5	4	3
Sheep 1 Year And Older	101	97	80	65	64	67
Ewes	94	91	75	60	59	63
Rams And Wethers	7	6	5	5	5	4

PENNSYLVANIA: LIVESTOCK ON FARMS AND VALUE, 1979-1980

County & District	No. & Value December 1, 1979		Number And Value January 1, 1980				All Livestock
	Hogs And Pigs		Cattle And Calves		Sheep And Lambs		
	Head Number	Value Dollars	Head Number	Value Dollars	Head Number	Value Dollars	Value Dollars
Crawford	4,400	246,400	52,100	38,294,000	1,300	81,200	38,621,600
Erie	3,300	184,800	38,200	28,077,000	500	31,200	28,293,000
Forest	200	11,200	1,000	735,000	50	3,100	749,300
Mercer	9,900	554,400	38,800	28,518,000	3,000	187,400	29,259,800
Venango	2,600	145,600	9,700	7,129,000	1,150	71,900	7,346,500
Warren	600	33,600	15,200	11,172,000	500	31,200	11,236,800
NORTHWESTERN, TOTAL	21,000	1,176,000	155,000	113,925,000	6,500	406,000	115,507,000
Bradford	1,700	95,200	83,100	61,079,000	2,750	164,700	61,338,900
Cameron	100	5,600	500	367,000	-	-	372,600
Clinton	1,600	89,600	9,200	6,762,000	50	3,000	6,854,600
Elk	200	11,200	3,600	2,646,000	150	9,000	2,666,200
Lycoming	6,700	375,200	27,100	19,919,000	650	38,900	20,333,100
McKean	400	22,400	6,600	4,851,000	550	38,900	4,912,300
Potter	400	22,400	16,400	12,054,000	850	50,900	12,127,300
Sullivan	500	28,000	7,200	5,292,000	250	15,000	5,335,000
Tioga	1,400	78,400	47,300	34,765,000	4,150	248,600	35,092,000
NORTH CENTRAL, TOTAL	13,000	728,000	201,000	147,735,000	9,500	569,000	149,032,000
Lackawanna	600	33,600	10,700	7,865,000	200	14,500	7,913,100
Susquehanna	500	28,000	48,300	35,500,000	2,400	174,000	35,702,000
Wayne	600	33,600	36,700	26,975,000	1,000	72,500	27,081,100
Wyoming	300	16,800	19,300	14,185,000	400	29,000	14,230,800
NORTHEASTERN, TOTAL	2,000	112,000	115,000	84,525,000	4,000	290,000	84,927,000
Armstrong	10,800	604,800	21,200	15,582,000	1,100	64,100	16,250,900
Beaver	2,900	162,400	11,400	8,379,000	650	37,900	8,579,300
Butler	13,300	744,800	27,300	20,066,000	1,700	99,100	20,909,900
Clarion	4,100	229,600	17,400	12,789,000	350	20,400	13,039,000
Indiana	9,600	537,600	30,100	22,123,000	1,350	78,700	22,739,300
Jefferson	2,700	151,200	16,900	12,422,000	200	11,700	12,584,900
Lawrence	8,600	481,600	20,700	15,214,000	1,150	67,100	15,762,700
WEST CENTRAL, TOTAL	52,000	2,912,000	145,000	106,575,000	6,500	379,000	109,866,000
Blair	7,000	392,000	24,400	17,934,000	1,000	53,300	18,379,300
Cambria	7,500	420,000	12,700	9,335,000	500	26,600	9,781,600
Centre	11,600	649,600	31,000	22,785,000	1,550	82,600	23,517,200
Clearfield	2,400	134,400	10,200	7,497,000	750	40,000	7,671,400
Columbia	15,500	868,000	18,300	13,450,000	500	26,600	14,344,600
Dauphin	20,800	1,164,800	22,900	16,832,000	750	40,000	18,036,800
Huntingdon	9,700	543,200	28,000	20,580,000	1,050	55,900	21,179,100
Juniata	11,300	632,800	20,400	14,994,000	650	34,600	15,661,400
Mifflin	12,900	722,400	28,000	20,580,000	1,000	53,300	21,355,700
Montour	4,600	257,600	7,100	5,218,000	250	13,300	5,488,900
Northumberland	27,600	1,545,600	22,000	16,170,000	1,200	63,900	17,779,500
Perry	12,000	672,000	23,900	17,567,000	600	32,000	18,271,000
Snyder	18,900	1,058,400	19,800	14,553,000	500	26,600	15,638,000
Union	14,200	795,200	16,300	11,980,000	700	37,300	12,812,500
CENTRAL, TOTAL	176,000	9,856,000	285,000	209,475,000	11,000	586,000	219,917,000
Carbon	1,100	61,600	1,300	956,000	150	7,600	1,025,200
Lehigh	11,100	621,600	9,600	7,056,000	550	27,700	7,705,300
Luzerne	2,600	145,600	8,800	6,468,000	550	27,700	6,641,300
Monroe	800	44,800	3,200	2,352,000	300	15,100	2,411,900
Northampton	2,800	156,800	18,300	13,450,000	450	22,700	13,629,500
Pike	100	5,600	1,000	735,000	50	2,500	743,100
Schuylkill	20,500	1,148,000	13,800	10,143,000	450	22,700	11,313,700
EAST CENTRAL, TOTAL	39,000	2,184,000	56,000	41,160,000	2,500	126,000	43,470,000
Allegheny	1,700	95,200	5,200	3,822,000	750	45,900	3,963,100
Fayette	3,900	218,400	19,100	14,039,000	800	49,000	14,306,400
Greene	1,300	72,800	23,300	17,125,000	15,150	927,500	18,125,300
Somerset	9,400	526,400	48,200	35,427,000	1,350	82,700	36,036,100
Washington	3,500	196,000	46,800	34,398,000	7,400	453,000	35,047,000
Westmoreland	5,200	291,200	34,400	25,284,000	1,550	94,900	25,670,100
SOUTHWESTERN, TOTAL	25,000	1,400,000	177,000	130,095,000	27,000	1,653,000	133,148,000
Adams	24,200	1,355,200	37,900	27,857,000	900	51,800	29,264,000
Bedford	13,200	739,200	48,800	35,868,000	1,100	63,300	36,670,500
Cumberland	16,400	918,400	47,600	34,986,000	750	43,100	35,947,500
Franklin	31,700	1,775,200	85,700	62,989,000	950	54,600	64,818,800
Fulton	5,800	324,800	16,200	11,907,000	400	23,000	12,254,800
York	51,700	2,895,200	62,800	46,158,000	1,900	109,200	49,162,400
SOUTH CENTRAL, TOTAL	143,000	8,008,000	299,000	219,765,000	6,000	345,000	228,118,000
Berks	54,100	3,029,600	78,200	57,477,000	1,700	117,700	60,624,300
Bucks	11,900	666,400	21,800	16,023,000	1,000	69,300	16,758,700
Chester	24,900	1,394,400	68,200	50,127,000	1,600	110,800	51,632,200
Delaware	3,800	212,800	2,000	1,470,000	150	10,400	1,693,200
Lancaster	253,600	14,201,600	231,500	170,153,000	5,800	401,600	184,756,200
Lebanon	30,300	1,696,800	47,500	34,912,000	900	62,300	36,671,100
Montgomery	20,400	1,142,400	17,800	13,083,000	850	58,900	14,284,300
Philadelphia	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	399,000	22,344,000	467,000	343,245,000	12,000	831,000	366,420,000
PENNSYLVANIA	870,000	48,720,000	1,900,000	1,396,500,000	85,000	5,185,000	1,450,405,000

INTENTIONAL
BLANK

PENNSYLVANIA: COMMERCIAL SLAUGHTER OF LIVESTOCK, 1978-1979

Month	Number Of Head		Liveweight			
			Per Head		Total	
	1978	1979	1978	1979	1978	1979
			Cattle			
January	80,200	71,100	1,105	1,166	88,594,000	82,912,000
February	78,000	51,900	1,125	1,161	87,806,000	60,220,000
March	82,900	66,900	1,134	1,164	94,031,000	77,928,000
April	76,000	60,000	1,118	1,166	84,889,000	69,996,000
May	78,300	67,400	1,123	1,162	87,961,000	78,333,000
June	73,600	62,500	1,113	1,153	81,969,000	72,114,000
July	64,400	59,400	1,104	1,162	71,121,000	68,988,000
August	67,800	70,300	1,108	1,137	75,159,000	79,881,000
September	67,300	59,500	1,116	1,126	75,164,000	66,988,000
October	77,600	71,900	1,117	1,094	86,646,000	78,649,000
November	72,700	63,400	1,133	1,117	82,319,000	70,772,000
December	65,400	53,300	1,150	1,138	75,282,000	60,599,000
Annual	884,300	757,500	1,121	1,145	990,940,000	867,381,000
			Calves			
January	30,200	24,900	135	152	4,075,000	3,784,000
February	29,300	20,100	134	153	3,928,000	3,078,000
March	35,100	24,200	135	146	4,748,000	3,548,000
April	29,700	20,800	141	147	4,203,000	3,064,000
May	27,900	20,000	149	156	4,140,000	3,124,000
June	26,100	11,300	152	200	3,970,000	2,254,000
July	28,300	18,500	140	162	3,964,000	2,990,000
August	31,800	24,300	138	142	4,397,000	3,457,000
September	29,400	20,700	142	142	4,173,000	2,930,000
October	30,800	23,700	158	148	4,853,000	3,510,000
November	28,000	20,900	158	146	4,407,000	3,050,000
December	25,700	19,000	149	139	3,817,000	2,638,000
Annual	352,300	248,400	144	151	50,674,000	37,426,000
			Hogs			
January	236,500	279,100	223	224	52,682,000	62,401,000
February	216,400	232,900	221	222	47,814,000	51,638,000
March	246,800	271,900	223	223	54,956,000	60,521,000
April	230,900	261,500	225	225	52,039,000	58,790,000
May	248,000	290,400	228	226	56,473,000	65,673,000
June	235,200	262,400	228	226	53,703,000	59,370,000
July	201,500	237,900	227	225	45,770,000	53,618,000
August	246,700	290,700	224	222	55,231,000	64,517,000
September	248,400	257,300	224	223	55,658,000	57,262,000
October	266,800	332,700	225	222	60,153,000	74,029,000
November	266,300	307,100	227	224	60,372,000	68,789,000
December	279,800	301,200	230	224	64,462,000	67,345,000
Annual	2,923,200	3,325,100	226	224	659,314,000	743,951,000
			Sheep And Lambs			
January	8,100	12,100	102	106	826,000	1,277,000
February	8,200	8,900	104	106	850,000	946,000
March	11,000	11,300	99	106	1,089,000	1,198,000
April	9,100	16,500	101	97	918,000	1,591,000
May	8,800	13,800	99	98	875,000	1,345,000
June	9,900	13,200	98	101	968,000	1,338,000
July	9,600	12,900	98	104	940,000	1,345,000
August	11,100	14,400	98	101	1,079,000	1,459,000
September	10,600	14,000	100	103	1,063,000	1,440,000
October	11,500	15,600	99	101	1,131,000	1,578,000
November	11,400	13,200	99	102	1,132,000	1,352,000
December	11,000	11,800	102	104	1,126,000	1,225,000
Annual	120,300	157,700	100	102	11,998,000	16,094,000

PENNSYLVANIA: COMMERCIAL SLAUGHTER OF LIVESTOCK, 1960-1979

Year	Cattle		Calves		Hogs		Sheep & Lambs	
	Head	Total Liveweight	Head	Total Liveweight	Head	Total Liveweight	Head	Total Liveweight
	Thousands							
1960	830.0	900,687	668.0	84,586	2,725	593,126	392.5	35,779
1965	901.0	961,949	643.0	84,717	2,910	661,201	197.3	17,632
1970	745.5	841,645	374.0	50,165	3,783	847,031	106.9	9,706
1971	669.0	752,423	329.6	47,006	4,282	960,910	132.3	12,111
1972	640.5	724,205	258.3	34,641	4,047	893,892	134.5	12,888
1973	701.0	794,204	179.6	21,437	3,274	733,510	165.8	16,590
1974	753.5	845,711	205.4	22,933	2,831	651,762	181.2	18,063
1975	938.5	999,105	343.4	39,862	2,452	559,107	153.8	15,127
1976	1,019.5	1,097,386	432.0	48,285	2,527	567,141	146.2	14,741
1977	1,056.2	1,146,609	380.0	55,026	2,857	644,167	135.4	13,378
1978	884.3	990,940	352.3	50,674	2,923	659,314	120.3	11,998
1979	757.5	867,381	248.4	37,426	3,325	743,951	157.7	16,094

PENNSYLVANIA: CATTLE AND CALVES PRODUCTION, DISPOSITION AND INCOME, 1960-1979

Year	Inventory January 1	Calf Crop	Inship-ments	Marketings		Farm Slaughter	Deaths		Inventory January 1 Following	Gross Income 1/
				Cattle	Calves		Cattle	Calves		
	Thousands									
1960	1,913	918	167	413	478	43	28	85	1,951	$ 99,637
1965	1,874	888	151	465	477	41	28	84	1,818	101,076
1970	1,781	831	120	396	455	22	26	70	1,763	128,514
1971	1,763	831	126	391	447	23	27	69	1,763	137,580
1972	1,763	820	105	401	426	19	26	71	1,745	161,073
1973	1,745	790	131	331	354	25	29	95	1,832	174,668
1974	1,832	780	103	350	248	22	35	100	1,960	151,107
1975	1,960	800	99	402	347	20	35	95	1,960	152,624
1976	1,960	790	95	429	317	24	30	85	1,960	164,832
1977	1,960	775	95	447	313	40	35	95	1,900	176,855
1978	1,900	770	95	462	306	32	35	90	1,840	266,968
1979	1,840	760	95	398	261	21	30	85	1,900	321,641

1/ Value of marketings and home consumption.

PENNSYLVANIA: HOGS AND PIGS PRODUCTION, DISPOSITION AND INCOME, 1970-1979

Year	Inventory December 1 1/	Pigs Saved	Marketings	Farm Slaughter	Deaths	Inventory December 1	Gross Income 2/
	Thousands						
1970	570	854	659	46	92	627	$ 38,464
1971	627	824	698	46	93	614	31,089
1972	614	769	685	46	99	553	42,855
1973	553	765	623	43	92	560	59,364
1974	560	783	611	47	95	590	53,780
1975	590	872	672	51	87	660	77,600
1976	660	990	774	56	100	700	83,619
1977	700	1,012	742	60	120	790	71,424
1978	790	979	757	62	130	820	86,365
1979	820	1,111	884	57	150	870	90,119

1/ December 1 preceding year. 2/ Value of marketings and home consumption.

PENNSYLVANIA: SHEEP AND LAMB PRODUCTION, DISPOSITION AND INCOME, 1960-1979

Year	Inventory January 1	Lambs Saved	Marketings		Farm Slaughter	Deaths		Inventory January 1 Following	Gross Income 1/
			Sheep	Lambs		Sheep	Lambs		
	Thousands								
1960	250	161	38	98	4	24	13	235	$ 1,780
1965	189	136	21	86	4	19	10	185	1,815
1970	165	123	17	75	3	20	13	160	1,905
1971	160	121	19	76	4	20	12	150	1,782
1972	150	111	14	69	4	20	10	144	1,863
1973	144	111	6	68	3	22	12	144	2,388
1974	144	116	23	78	3	20	11	125	2,934
1975	125	100	7	64	3	21	10	120	2,412
1976	120	96	22	65	2	18	9	100	3,008
1977	100	78	17	52	2	18	9	80	2,460
1978	80	62	10	37	2	10	8	80	2,362
1979	80	60	3	31	3	10	8	85	2,347

1/ Value of marketings and home consumption.

PENNSYLVANIA: CATTLE ON FEED, QUARTERLY, 1970-1980

Year	Total On Feed				Placed During Quarter				Marketed During Quarter			
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan-Mar	Apr-June	July-Sept	Oct-Dec	Jan-Mar	Apr-June	July-Sept	Oct-Dec
	Thousand Head											
1970	88	78	53	53	18	16	36	62	28	41	36	23
1971	92	79	57	54	18	16	33	60	31	38	36	23
1972	91	81	54	49	20	20	30	56	30	47	35	18
1973	87	79	58	53	19	17	26	58	27	38	31	25
1974	86	78	57	48	19	17	23	63	27	38	32	26
1975	83	74	61	60	19	23	35	57	26	34	33	24
1976	90	80	62	58	19	18	32	62	27	30	32	25
1977	92	82	62	66	18	20	37	61	25	34	30	26
1978	98	82	55	58	15	16	29	50	28	38	25	19
1979	86	72	57	50	15	19	25	50	26	29	30	19
1980	79	68	--	--	12	--	--	--	21	--	--	--

PENNSYLVANIA: NUMBER ON FEED BY CLASS, 1970-1980

Year	Steers				Heifers				Cows And Others			
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1	July 1	Oct. 1
	Thousand Head											
1970	79	69	46	46	5	5	3	3	4	4	4	4
1971	82	69	50	47	5	6	4	3	5	4	3	4
1972	80	72	47	43	6	5	4	2	5	4	3	4
1973	73	66	48	42	7	6	4	4	7	7	6	7
1974	69	63	46	39	8	5	4	4	9	10	7	5
1975	73	67	56	54	5	4	3	4	5	3	2	2
1976	81	76	56	49	7	3	4	7	2	1	2	2
1977	82	73	55	58	7	7	5	5	3	2	2	3
1978	87	71	47	51	9	8	6	4	2	3	2	3
1979	76	61	46	41	8	8	8	6	2	3	3	3
1980	69	59	--	--	8	7	-	-	2	2	-	-

PENNSYLVANIA: CATTLE AND CALVES - PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1978-1979

Year	1-49 Head		50-99 Head		100-499 Head		500 Head And Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	Percent							
1978	76.0	32.5	17.0	32.9	7.0	32.1	1/	2.5
1979	74.0	29.3	18.5	34.4	7.5	33.3	1/	3.1

1/ Combined with next smaller size group.

PENNSYLVANIA: MILK COWS - PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1978-1979

Year	1-29 Head		30-49 Head		50-99 Head		100 Head And Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	Percent							
1978	52.5	17.5	30.0	36.5	14.0	30.0	3.5	16.0
1979	51.5	16.5	29.0	34.5	15.5	31.5	4.0	17.5

POULTRY SUMMARY — 1979

By William J. Sedlak

Pennsylvania's laying flocks produced 3.836 billion eggs during the one year period ended November 30, 1979. This was 12 percent more than the previous year and 30 percent more than the 1977 production. The average number of layers on hand during 1979 was 15,138,000, 10 percent above the previous year.

The number of chickens on farms (excluding broilers) on December 1, 1979 totaled 20,930,000 birds, 10 percent above the previous year and 22 percent above December 1, 1977. The estimated value of the December 1, 1979 inventory was $35,581,000 or $1.70 per bird. The inventory was composed of 5,230,000 hens, 11,370,000 pullets of laying age, 4,121,000 pullets not yet of laying age, and 209,000 other chickens.

Preliminary estimates of the average price received per dozen eggs sold during the year ended November 30, 1979 was 55.7 cents compared with 49.3 cents per dozen last year.

Pennsylvania's commercial hatcheries produced 152,586,000 chicks during 1979, 11 percent more than the 1978 production. Egg type hatch at 29,820,000 was up 28 percent while broiler type, with a hatch of 122,766,000 chicks, was 8 percent above 1978.

Commercial broiler production in Pennsylvania during 1979 totaled 109,206,000 birds, 10 percent more than were raised during 1978. Total liveweight for 1979 was 447,745,000 pounds compared with 397,200,000 in 1978. The average price per pound during 1979 was 27.5 cents compared with 27.3 cents a year earlier. With increases in both production and price, the gross income of $123,130,000 was up 14 percent from 1978.

The 1979 average price for farm chickens (excluding broilers) was 20.6 cents per pound compared with 20.8 cents a year earlier. Total weight was 80,151,000 pounds, and the value of production amounted to $16,511,000.

Gross value from production of poultry in 1979 was approximately $357 million according to preliminary estimates. This was up 22 percent from the 1978 value.

PENNSYLVANIA: CHICKEN INVENTORY ON FARMS, 1960-1979

Year	Layers			Pullets Not Laying	Other Chickens 2/	Total Chickens 1/	
	Hens	Pullets 2/	Total			Number	Value - Dollars
				Thousands			
January 1:							
1960	6,535	13,562	20,097	-	1,081	21,178	29,649
1965	7,117	9,070	16,187	3,188	201	19,576	29,364
1966	7,544	7,672	15,216	3,450	191	18,857	29,228
1967	6,488	8,728	15,216	3,892	191	19,299	29,913
1968	5,969	8,791	14,760	2,816	172	17,748	27,509
1969	6,152	8,262	14,414	2,988	176	17,578	28,125
December 1:							
1969	6,250	8,425	14,675	2,617	151	17,443	29,653
1970	6,213	8,633	14,846	3,239	157	18,242	28,275
1971	5,072	7,752	12,824	3,082	144	16,050	27,285
1972	5,209	7,184	12,393	3,017	140	15,550	21,770
1973	4,961	6,552	11,513	2,817	130	14,460	23,136
1974	4,876	7,510	12,386	2,544	120	15,050	26,338
1975	4,958	6,427	11,385	2,353	112	13,850	23,545
1976	4,565	7,335	11,900	2,476	136	14,512	26,847
1977	6,025	8,175	14,200	2,855	165	17,220	32,718
1978	5,546	9,754	15,300	3,537	188	19,025	34,435
1979	5,230	11,370	16,600	4,121	209	20,930	35,581

1/ Chickens excluding commercial broilers.
2/ Before 1965 includes some pullets not of laying age.

PENNSYLVANIA: LAYERS, EGG PRODUCTION, EGG PRICES AND HATCH DATA, BY MONTHS, 1960-1979

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.	Annual Average Or Total 1/
Number Of Layers (Thousands)													
1960	17,768	17,289	16,753	16,300	15,933	15,614	15,426	15,594	16,142	16,794	17,286	17,408	16,526
1965	16,122	15,978	15,834	15,691	15,464	15,392	15,352	15,290	15,396	15,296	15,247	15,284	15,529
1970	11,464	14,470	14,454	14,287	14,173	13,905	14,022	14,495	14,601	14,674	14,818	14,772	14,415
1971	14,625	14,406	14,046	13,694	13,555	13,487	13,352	13,219	13,021	12,857	12,824	[illegible]824	13,655
1972	12,760	12,569	12,318	12,071	11,890	11,889	11,948	11,948	12,008	12,128	12,291	12,455	12,220
1973	12,705	12,764	12,572	12,384	12,075	11,772	11,653	11,823	11,813	11,633	11,573	11,571	12,102
1974	11,570	11,455	11,397	11,340	11,283	11,396	11,509	11,624	11,857	12,034	12,240	12,386	11,606
1975	12,200	12,014	11,834	11,596	11,422	11,250	11,193	11,193	11,221	11,249	11,317	11,385	11,573
1975	11,328	11,384	11,440	11,098	10,867	10,921	10,703	10,799	11,058	11,222	11,671	11,841	11,156
1977	11,840	11,959	11,898	11,602	11,540	11,596	11,769	12,335	12,985	13,367	13,817	14,051	12,212
1978	13,563	13,213	13,399	13,349	13,200	13,250	13,350	13,650	14,050	14,600	15,100	15,000	13,731
1979	14,750	14,900	14,900	14,600	14,550	14,650	14,850	15,300	15,700	16,050	16,400	16,700	15,138
Number Of Eggs Produced (Million)													
1960	319	299	316	307	316	289	284	277	268	281	281	292	3,529
1965	298	271	302	298	305	287	289	281	268	268	256	269	3,392
1970	276	247	276	269	277	262	266	269	265	275	265	276	3,220
1971	276	249	279	263	270	266	269	264	251	254	245	257	3,152
1972	260	239	251	240	243	231	241	238	234	245	239	251	2,918
1973	255	230	252	244	249	232	231	229	224	231	223	230	2,851
1974	229	207	233	229	238	228	233	234	227	236	235	248	2,759
1975	252	228	248	236	241	228	230	224	213	227	225	233	2,800
1976	232	220	239	225	227	219	219	216	213	229	229	239	2,701
1977	241	222	250	238	246	239	242	244	249	273	277	294	2,960
1978	287	252	283	274	282	278	290	291	288	309	308	324	3,436
1979	319	287	322	308	321	312	319	329	321	333	341	368	3,836
Average Prices Received For Eggs (Per Dozen)													
1960	.350	.330	.360	.430	.370	.360	.360	.400	.450	.510	.510	.510	.409
1965	.330	.340	.330	.370	.300	.320	.340	.380	.400	.390	.410	.440	.361
1970	.580	.530	.460	.360	.300	.300	.340	.340	.390	.340	.350	.390	.409
1971	.370	.340	.330	.350	.330	.290	.290	.300	.310	.290	.300	.340	.323
1972	.300	.280	.300	.310	.280	.270	.290	.300	.310	.300	.380	.460	.305
1973	.500	.419	.440	.457	.430	.478	.512	.640	.626	.577	.582	.637	.509
1974	.679	.692	.606	.535	.449	.387	.450	.410	.508	.546	.547	.579	.540
1975	.582	.558	.539	.495	.464	.424	.446	.460	.521	.529	.536	.589	.512
1976	.639	.603	.526	.516	.517	.526	.521	.565	.593	.591	.618	.685	.568
1977	.670	.685	.596	.552	.492	.436	.476	.479	.498	.425	.475	.466	.537
1978	.466	.524	.543	.524	.467	.415	.445	.507	.508	.511	.539	.583	.493
1979	.595	.559	.598	.618	.569	.531	.531	.514	.536	.531	.515	.583	.557
Egg-Type Chick Hatch (Thousands)													
1960	1,919	2,850	4,617	4,613	4,589	2,602	1,010	799	994	840	787	1,288	26,908
1965	1,951	2,072	3,539	3,608	3,423	2,975	1,442	1,971	1,450	1,547	1,903	1,640	27,521
1970	2,458	2,422	3,201	3,289	2,995	2,382	2,463	1,606	2,224	2,107	1,664	1,942	28,753
1971	2,121	2,343	2,987	3,092	2,891	2,558	2,206	1,895	1,997	2,055	1,825	1,706	27,676
1972	1,903	2,410	2,565	2,733	2,840	2,222	1,878	1,934	1,976	2,016	1,516	1,764	25,757
1973	2,078	1,744	2,783	2,860	2,593	2,016	1,679	1,996	1,585	2,344	1,807	1,524	25,009
1974	1,722	1,799	2,229	2,496	2,364	1,922	1,559	1,259	1,473	1,722	1,659	1,532	21,736
1975	1,535	1,815	2,360	2,592	2,363	2,087	1,638	1,650	1,508	1,710	1,272	1,564	22,094
1976	1,627	1,482	2,405	2,729	2,582	1,813	1,576	1,447	1,479	1,565	1,498	1,471	21,674
1977	1,192	1,598	2,067	2,580	2,495	2,105	957	1,020	1,334	1,289	1,656	1,679	19,972
1978	1,725	1,188	1,893	2,303	2,515	2,500	1,858	1,800	1,619	1,899	2,090	1,991	23,381
1979	2,476	2,337	2,904	2,953	3,141	2,887	2,248	2,242	1,792	2,143	2,584	2,113	29,820
Broiler-Type Chick Hatch (Thousands)													
1960	4,638	4,067	4,492	4,194	5,218	4,596	5,040	4,264	3,590	3,722	4,039	4,668	52,528
1965	4,439	4,396	4,651	4,830	4,990	4,987	4,867	4,605	4,507	3,938	4,365	4,650	55,225
1970	6,283	5,815	6,347	6,337	6,648	6,555	6,328	6,441	5,718	5,754	5,937	6,276	74,439
1971	6,095	5,856	6,678	6,805	6,801	6,991	6,873	7,200	6,655	5,974	6,863	6,594	79,385
1972	6,096	6,514	7,055	6,618	6,674	6,543	6,491	6,452	6,091	6,007	5,665	6,511	76,717
1973	6,257	5,857	7,241	7,055	7,616	7,251	7,258	7,267	6,710	7,133	6,889	7,180	83,714
1974	6,890	6,168	7,019	6,746	7,462	7,289	6,800	6,962	6,386	6,412	6,609	7,201	81,944
1975	6,641	6,185	7,286	7,278	7,469	7,172	7,677	7,283	6,948	7,283	6,597	7,314	85,133
1976	7,017	7,006	7,973	8,248	8,752	8,490	8,590	8,272	8,326	8,095	8,384	8,595	97,748
1977	8,733	7,734	9,173	8,240	9,215	8,683	8,728	8,083	7,965	8,443	8,287	8,656	102,540
1978	9,067	8,391	9,725	9,383	10,391	10,151	9,764	9,757	8,903	9,312	9,122	9,572	113,538
1979	10,115	9,232	10,855	10,549	11,198	10,914	10,743	10,826	9,716	9,075	9,237	10,306	122,766

1/ For layers, eggs and prices, marketing year from 1970 to present runs from December 1 through November 30.

PENNSYLVANIA: CHICKENS ON FARMS AND VALUE, DECEMBER 1, 1979

County & District	Chickens: Number On Farms By Classes			All Chickens	
	Hens & Pullets Of Laying Age	Pullets Not Of Laying Age	Other Chickens	Number	Value (Dollars)
Crawford	117,700	44,200	1,100	163,000	277,000
Erie	41,800	17,500	700	60,000	102,000
Forest	3,300	600	100	4,000	6,800
Mercer	49,900	7,600	500	58,000	98,600
Venango	7,900	900	200	9,000	15,300
Warren	47,800	23,300	900	72,000	122,300
NORTHWESTERN, TOTAL	268,400	94,100	3,500	366,000	622,000
Bradford	132,200	99,000	2,800	234,000	397,900
Cameron	400	100	-	500	900
Clinton	11,200	1,200	100	12,500	21,300
Elk	72,100	23,300	600	96,000	163,200
Lycoming	46,000	2,600	400	49,000	83,300
McKean	13,900	900	200	15,000	25,500
Potter	73,600	4,100	1,300	79,000	134,300
Sullivan	6,200	700	100	7,000	11,900
Tioga	145,900	23,300	1,800	171,000	290,700
NORTH CENTRAL, TOTAL	501,500	155,200	7,300	664,000	1,129,000
Lackawanna	116,600	29,100	1,300	147,000	250,000
Susquehanna	251,300	24,600	2,100	278,000	472,700
Wayne	256,800	139,800	3,400	400,000	680,100
Wyoming	63,900	21,000	1,100	86,000	146,200
NORTHEASTERN, TOTAL	688,600	214,500	7,900	911,000	1,549,000
Armstrong	34,100	14,000	900	49,000	83,300
Beaver	30,800	11,600	600	43,000	73,100
Butler	168,700	149,200	3,100	321,000	545,800
Clarion	63,400	19,800	800	84,000	142,800
Indiana	213,900	37,300	2,800	254,000	431,800
Jefferson	49,400	9,300	1,300	60,000	102,000
Lawrence	127,400	17,500	1,100	146,000	248,200
WEST CENTRAL, TOTAL	687,700	258,700	10,600	957,000	1,627,000
Blair	101,700	21,000	1,300	124,000	210,800
Cambria	81,600	17,500	900	100,000	170,000
Centre	45,300	7,000	700	53,000	90,100
Clearfield	72,200	11,700	1,100	85,000	144,500
Columbia	180,900	23,300	1,800	206,000	350,200
Dauphin	362,500	52,400	3,100	418,000	710,700
Huntingdon	59,600	5,800	600	66,000	112,200
Juniata	183,300	17,500	2,200	203,000	345,100
Mifflin	166,400	116,500	15,100	298,000	506,700
Montour	70,900	4,700	400	76,000	129,200
Northumberland	322,900	40,800	3,200	367,000	624,000
Perry	228,800	25,600	2,600	257,000	437,000
Snyder	250,000	129,200	3,800	383,000	651,200
Union	194,100	29,100	2,800	226,000	384,300
CENTRAL, TOTAL	2,320,200	502,100	39,700	2,862,000	4,866,000
Carbon	45,500	16,900	600	63,000	107,100
Lehigh	273,500	21,000	2,500	297,000	504,800
Luzerne	74,600	16,500	900	92,000	156,400
Monroe	29,400	3,300	300	33,000	56,100
Northampton	159,000	26,800	2,200	188,000	319,600
Pike	22,500	2,300	200	25,000	42,500
Schuylkill	562,100	233,000	5,900	801,000	1,361,500
EAST CENTRAL, TOTAL	1,166,600	319,800	12,600	1,499,000	2,548,000
Allegheny	97,700	13,400	1,900	113,000	192,100
Fayette	122,000	17,500	1,500	141,000	239,700
Greene	19,500	3,300	200	23,000	39,100
Somerset	146,400	16,300	2,300	165,000	280,500
Washington	88,000	13,900	1,100	103,000	175,100
Westmoreland	176,900	35,000	3,100	215,000	365,500
SOUTHWESTERN, TOTAL	650,500	99,400	10,100	760,000	1,292,000
Adams	769,300	378,600	6,100	1,154,000	1,961,400
Bedford	59,300	4,100	600	64,000	108,800
Cumberland	213,900	23,300	2,800	240,000	408,000
Franklin	310,200	40,800	5,000	356,000	605,200
Fulton	59,900	5,800	1,300	67,000	113,900
York	709,700	64,100	7,200	781,000	1,327,700
SOUTH CENTRAL, TOTAL	2,122,300	516,700	23,000	2,662,000	4,525,000
Berks	440,000	75,700	5,300	521,000	885,700
Bucks	414,500	58,300	7,200	480,000	816,000
Chester	289,700	53,600	2,700	346,000	588,200
Delaware	9,100	1,700	200	11,000	18,700
Lancaster	6,279,000	1,572,900	70,100	7,922,000	13,467,100
Lebanon	364,400	163,100	4,500	532,000	904,400
Montgomery	396,800	35,000	4,200	436,000	741,200
Philadelphia	700	200	100	1,000	1,700
SOUTHEASTERN, TOTAL	8,194,200	1,960,500	94,300	10,249,000	17,423,000
PENNSYLVANIA	16,600,000	4,121,000	209,000	20,930,000	35,581,000

PENNSYLVANIA: NUMBER OF LAYERS, EGG PRODUCTION AND VALUE OF EGGS PRODUCED - 1979

County & District	Average Number Layers	Egg Production		Value Of Production
		Per Layer	Total	
	Number	Eggs	Eggs (000)	Dollars (000)
Crawford	107,400	265	28,463	1,321
Erie	38,100	270	10,287	478
Forest	3,000	263	789	37
Mercer	45,500	261	11,875	551
Venango	7,200	263	1,894	88
Warren	43,600	271	11,816	548
NORTHWESTERN, TOTAL	244,800	266	65,124	3,023
Bradford	120,600	253	30,537	1,417
Cameron	400	263	105	5
Clinton	10,200	266	2,714	126
Elk	65,700	258	16,962	787
Lycoming	41,900	267	11,192	520
McKean	12,700	266	3,380	157
Potter	67,100	257	17,257	801
Sullivan	5,700	265	1,511	70
Tioga	133,000	258	34,337	1,594
NORTH CENTRAL, TOTAL	457,300	258	117,995	5,477
Lackawanna	106,300	253	26,892	1,248
Susquehanna	229,200	256	58,675	2,723
Wayne	234,200	258	60,419	2,805
Wyoming	58,300	254	14,807	687
NORTHEASTERN, TOTAL	628,000	256	160,793	7,463
Armstrong	31,100	262	8,147	378
Beaver	28,100	250	7,024	326
Butler	153,800	260	39,983	1,856
Clarion	57,800	252	14,564	676
Indiana	195,100	264	51,500	2,390
Jefferson	45,000	255	11,474	533
Lawrence	116,200	256	29,743	1,381
WEST CENTRAL, TOTAL	627,100	259	162,435	7,540
Blair	92,700	249	23,083	1,071
Cambria	74,400	259	19,270	894
Centre	41,300	253	10,449	485
Clearfield	65,800	258	16,977	788
Columbia	165,000	250	41,251	1,915
Dauphin	330,600	258	85,297	3,959
Huntingdon	54,400	257	13,981	649
Juniata	167,200	254	42,470	1,971
Mifflin	151,700	253	38,381	1,782
Montour	64,700	262	16,952	787
Northumberland	294,500	268	78,928	3,664
Perry	208,600	262	54,654	2,537
Snyder	228,000	257	58,597	2,720
Union	177,000	258	45,667	2,120
CENTRAL, TOTAL	2,115,900	258	545,957	25,342
Carbon	41,500	253	10,499	487
Lehigh	249,400	260	64,844	3,010
Luzerne	68,100	258	17,570	816
Monroe	26,800	258	6,914	321
Northampton	145,000	256	37,120	1,723
Pike	20,500	265	5,433	252
Schuylkill	512,600	264	135,326	6,281
EAST CENTRAL, TOTAL	1,063,900	261	277,706	12,890
Allegheny	89,100	232	20,672	960
Fayette	111,300	245	27,269	1,266
Greene	17,800	250	4,450	207
Somerset	133,500	236	31,507	1,462
Washington	80,200	229	18,366	852
Westmoreland	161,300	234	37,745	1,752
SOUTHWESTERN, TOTAL	593,200	236	140,009	6,499
Adams	701,500	236	165,307	7,673
Bedford	54,100	231	12,497	580
Cumberland	195,000	233	45,434	2,109
Franklin	282,900	237	67,047	3,112
Fulton	54,600	227	12,394	575
York	647,200	232	150,149	6,970
SOUTH CENTRAL, TOTAL	1,935,300	234	452,828	21,019
Berks	401,200	254	101,905	4,730
Bucks	378,000	258	97,524	4,527
Chester	264,200	248	65,522	3,041
Delaware	8,300	257	2,133	99
Lancaster	5,726,000	256	1,466,474	68,069
Lebanon	332,300	259	86,066	3,995
Montgomery	361,900	258	93,370	4,334
Philadelphia	600	265	159	7
SOUTHEASTERN, TOTAL	7,472,500	256	1,913,153	88,802
PENNSYLVANIA	15,138,000	253	3,836,000	178,055

PENNSYLVANIA: CHICKENS ON FARMS, NUMBER OF LAYERS AND EGG PRODUCTION, 1978-REVISED

County & District	Chickens: Number On Farms By Classes			All Chickens	Average Number Of Layers	Egg Production	
	Hens & Pullets Of Laying Age	Pullets Not Of Laying Age	Other Chickens			Per Layer	Total
						Eggs	Eggs (000)
Crawford	114,000	38,000	1,000	153,000	102,300	265	27,124
Erie	40,400	15,000	600	56,000	36,200	271	9,810
Forest	3,400	500	100	4,000	3,100	257	798
Mercer	54,000	6,500	500	61,000	48,500	262	12,694
Venango	8,000	800	200	9,000	7,200	266	1,916
Warren	52,200	20,000	800	73,000	46,800	272	12,740
NORTHWESTERN, TOTAL	272,000	80,800	3,200	356,000	244,100	267	65,082
Bradford	146,500	85,000	2,500	234,000	131,500	250	32,830
Cameron	400	100	-	500	400	265	106
Clinton	9,400	1,000	100	10,500	8,400	269	2,262
Elk	66,500	20,000	500	87,000	59,700	259	15,461
Lycoming	38,400	2,200	400	41,000	34,500	269	9,286
McKean	10,000	800	200	11,000	9,000	271	2,441
Potter	77,300	3,500	1,200	82,000	69,400	260	18,043
Sullivan	7,300	600	100	8,000	6,500	265	1,723
Tioga	121,400	20,000	1,600	143,000	108,900	266	28,914
NORTH CENTRAL, TOTAL	477,200	133,200	6,600	617,000	428,300	259	111,066
Lackawanna	96,800	25,000	1,200	123,000	86,900	239	20,758
Susquehanna	282,000	21,100	1,900	305,000	253,100	254	64,287
Wayne	289,000	120,000	3,000	412,000	259,400	256	66,294
Wyoming	72,000	18,000	1,000	91,000	64,600	253	16,351
NORTHEASTERN, TOTAL	739,800	184,100	7,100	931,000	664,000	253	167,690
Armstrong	35,700	12,000	800	48,500	32,000	259	8,303
Beaver	30,500	10,000	500	41,000	27,400	243	6,670
Butler	173,200	128,000	2,800	304,000	155,500	256	39,776
Clarion	64,300	17,000	700	82,000	57,700	249	14,355
Indiana	240,500	32,000	2,500	275,000	215,800	260	56,178
Jefferson	55,300	8,000	1,200	64,500	49,600	252	12,513
Lawrence	106,000	15,000	1,000	122,000	95,100	252	23,976
WEST CENTRAL, TOTAL	705,500	222,000	9,500	937,000	633,100	256	161,771
Blair	113,800	18,000	1,200	133,000	102,100	245	25,026
Cambria	91,200	15,000	800	107,000	81,800	256	20,959
Centre	38,400	6,000	600	45,000	34,500	250	8,623
Clearfield	81,000	10,000	1,000	92,000	72,700	255	18,558
Columbia	203,400	20,000	1,600	225,000	182,500	246	44,812
Dauphin	407,200	45,000	2,800	455,000	365,400	255	93,334
Huntingdon	66,500	5,000	500	72,000	59,700	254	15,165
Juniata	177,000	15,000	2,000	194,000	158,900	251	39,867
Mifflin	152,400	100,000	13,600	266,000	136,800	250	34,186
Montour	63,600	4,000	400	68,000	57,100	259	14,769
Northumberland	356,000	35,000	3,000	394,000	319,500	265	84,762
Perry	211,700	22,000	2,300	236,000	190,000	259	49,285
Snyder	281,700	110,900	3,400	396,000	252,800	254	64,337
Union	218,500	25,000	2,500	246,000	196,100	255	49,956
CENTRAL, TOTAL	2,462,400	430,900	35,700	2,929,000	2,209,900	255	563,639
Carbon	51,000	14,500	500	66,000	45,800	251	11,515
Lehigh	307,800	18,000	2,200	328,000	276,200	260	71,852
Luzerne	82,000	14,200	800	97,000	73,600	260	19,161
Monroe	32,900	2,800	300	36,000	29,500	254	7,490
Northampton	164,000	23,000	2,000	189,000	147,200	256	37,610
Pike	28,800	2,000	200	31,000	25,900	268	6,936
Schuylkill	518,700	200,000	5,300	724,000	465,500	265	123,276
EAST CENTRAL, TOTAL	1,185,200	274,500	11,300	1,471,000	1,063,700	261	277,840
Allegheny	109,800	11,500	1,700	123,000	98,500	230	22,623
Fayette	101,700	15,000	1,300	118,000	91,300	244	22,293
Greene	22,000	2,800	200	25,000	19,700	247	4,864
Somerset	163,900	14,000	2,100	180,000	147,100	234	34,419
Washington	99,000	12,000	1,000	112,000	88,900	226	20,128
Westmoreland	176,200	30,000	2,800	209,000	158,100	231	36,512
SOUTHWESTERN, TOTAL	672,600	85,300	9,100	767,000	603,600	233	140,839
Adams	764,500	325,000	5,500	1,095,000	686,100	230	157,844
Bedford	67,000	3,500	500	71,000	60,100	228	13,679
Cumberland	177,500	20,000	2,500	200,000	159,300	230	36,560
Franklin	288,500	35,000	4,500	328,000	258,900	235	60,758
Fulton	67,800	5,000	1,200	74,000	60,900	224	13,656
York	797,500	55,000	6,500	859,000	715,700	230	164,624
SOUTH CENTRAL, TOTAL	2,162,800	443,500	20,700	2,627,000	1,941,000	230	447,121
Berks	369,200	65,000	4,800	439,000	331,300	251	83,008
Bucks	435,500	50,000	6,500	492,000	390,800	255	99,654
Chester	242,600	46,000	2,400	291,000	217,700	240	52,348
Delaware	10,300	1,500	200	12,000	9,200	254	2,333
Lancaster	4,937,000	1,350,000	63,000	6,350,000	4,430,800	253	1,119,560
Lebanon	303,000	140,000	4,000	447,000	271,900	256	69,583
Montgomery	324,200	30,000	3,800	358,000	291,000	255	74,306
Philadelphia	700	200	100	1,000	600	267	160
SOUTHEASTERN, TOTAL	6,622,500	1,682,700	84,800	8,390,000	5,943,300	253	1,500,952
PENNSYLVANIA	15,300,000	3,537,000	188,000	19,025,000	13,731,000	250	3,436,000

PENNSYLVANIA: BROILER-TYPE EGGS SET, BROILER CHICKS HATCHED AND PLACED BY WEEKS, 1977-1979

Year And Week Ending	Eggs Set 1/	Chicks Hatched	Chicks Placed 2/	Year And Week Ending	Eggs Set 1/	Chicks Hatched	Chicks Placed 2/
		Thousand				Thousand	
1977:				1978:			
Nov. 26	2,429	1,947	1,873	Nov. 25	2,647	1,996	1,863
Dec. 3	2,462	1,950	1,955	Dec. 2	2,761	2,150	2,028
10	2,312	1,895	1,898	9	2,706	2,229	2,006
17	2,516	2,018	1,917	16	2,671	2,154	2,006
24	2,472	1,963	1,879	23	2,744	2,176	1,971
31	2,479	1,877	1,805	30	2,744	2,092	1,999
1978:				1979:			
Jan. 7	2,737	1,970	1,861	Jan. 6	2,956	2,125	1,977
14	2,632	1,971	1,865	13	2,846	2,402	2,285
21	2,480	1,986	1,802	20	2,811	2,244	2,102
28	2,716	2,217	2,014	27	2,859	2,357	2,188
Feb. 4	2,637	2,118	1,991	Feb. 3	2,866	2,261	2,100
11	2,559	1,946	1,791	10	2,835	2,262	2,128
18	2,769	2,188	2,054	17	2,894	2,303	2,203
25	2,599	2,121	1,942	24	3,098	2,344	2,157
Mar. 4	2,890	2,124	1,947	Mar. 3	2,909	2,369	2,164
11	2,844	2,182	1,962	10	3,053	2,382	2,211
18	2,567	2,076	1,859	17	3,033	2,474	2,286
25	2,559	2,222	1,998	24	3,001	2,536	2,372
				31	2,993	2,447	2,293
Apr. 1	2,788	2,332	2,143				
8	2,729	2,075	1,898	Apr. 7	3,113	2,470	2,152
15	2,950	2,128	1,961	14	3,204	2,424	2,122
22	2,804	2,255	2,043	21	3,013	2,492	2,301
29	2,724	2,196	2,017	28	3,097	2,419	2,234
May 6	2,979	2,318	2,107	May 5	3,161	2,601	2,393
13	2,947	2,277	2,053	12	3,040	2,468	2,268
20	2,914	2,251	2,012	19	2,995	2,458	2,203
27	2,909	2,456	2,194	26	3,225	2,598	2,351
June 3	2,937	2,373	2,148	June 2	3,167	2,545	2,370
10	2,950	2,341	2,153	9	3,076	2,408	2,383
17	2,745	2,362	2,131	16	3,169	2,614	2,381
24	2,818	2,332	2,118	23	3,748	2,626	2,323
				30	3,054	2,538	2,375
July 1	2,670	2,389	2,177				
8	2,782	2,212	2,002	July 7	3,078	2,431	2,211
15	2,780	2,250	2,033	14	3,177	2,397	2,217
22	2,937	2,098	1,931	21	3,065	2,419	2,190
29	2,836	2,192	1,957	28	3,148	2,435	2,172
Aug. 5	2,783	2,190	1,987	Aug. 4	3,237	2,473	2,273
12	2,779	2,258	2,039	11	3,108	2,416	2,278
19	2,667	2,186	2,002	18	3,008	2,423	2,152
26	2,614	2,180	1,980	25	2,915	2,521	2,243
Sep. 2	2,617	2,184	2,065	Sep. 1	3,127	2,397	2,149
9	2,518	2,119	2,064	8	2,778	2,198	1,968
16	2,500	2,121	1,869	15	2,331	2,308	2,037
23	2,650	2,044	1,849	22	2,811	2,451	2,215
30	2,776	1,987	1,980	29	2,728	2,165	1,951
Oct. 7	2,717	2,004	1,991	Oct. 6	2,650	1,754	1,542
14	2,607	2,073	1,933	13	2,614	2,134	1,890
21	2,754	2,186	2,084	20	2,451	2,127	1,909
28	2,760	2,153	2,085	27	2,786	2,131	1,947
Nov. 4	2,430	2,065	1,952	Nov. 3	2,878	2,067	1,856
11	2,755	2,190	2,005	10	3,044	1,926	1,682
18	2,805	2,217	2,063	17	2,997	2,169	1,963
TOTAL 3/	140,590	111,765	103,439	Total 4/	152,420	121,306	111,040

1/ Eggs set include eggs set for all broiler-type chicks, those to be raised as broilers and those to be raised as hatchery flock replacements. Broiler chicks hatched and placed include only chicks to be raised as broilers. 2/ Adjusted for chicks shipped out of State. 3/ Includes weeks ending November 26, 1977 through November 18, 1978. Revised. 4/ Includes weeks ending November 25, 1978 through November 17, 1979.

PENNSYLVANIA: BROILER PRODUCTION AND VALUE, 1979

County & District	Number Produced (000)	Pounds Produced (000)	Value Of Production (000)
Crawford	77	316	87
Erie	18	74	20
Forest	*	12	3
Mercer	135	554	152
Venango	103	422	116
Warren	*	12	3
NORTHWESTERN, TOTAL	333	1,390	381
Bradford	745	3,055	840
Cameron	*	12	3
Clinton	21	86	24
Elk	41	168	46
Lycoming	215	881	242
McKean	271	1,111	306
Potter	215	881	242
Sullivan	815	3,342	919
Tioga	1,590	6,519	1,793
NORTH CENTRAL, TOTAL	3,913	16,055	4,415
Lackawanna	124	508	140
Susquehanna	135	554	152
Wayne	324	1,328	365
Wyoming	209	857	236
NORTHEASTERN, TOTAL	792	3,247	893
Armstrong	38	156	43
Beaver	*	25	7
Butler	59	242	67
Clarion	*	12	3
Indiana	224	918	252
Jefferson	74	303	83
Lawrence	41	168	46
WEST CENTRAL, TOTAL	436	1,824	501
Blair	389	1,595	439
Cambria	5,117	20,980	5,770
Centre	18	74	20
Clearfield	24	98	27
Columbia	2,279	9,343	2,569
Dauphin	3,592	14,727	4,050
Huntingdon	288	1,181	325
Juniata	3,177	13,026	3,582
Mifflin	3,836	15,728	4,325
Montour	898	3,682	1,013
Northumberland	3,610	14,801	4,070
Perry	863	3,538	973
Snyder	5,343	21,906	6,024
Union	2,137	8,762	2,410
CENTRAL, TOTAL	31,571	129,441	35,597
Carbon	*	25	7
Lehigh	15	62	17
Luzerne	100	410	113
Monroe	*	12	3
Northampton	176	722	199
Pike	59	242	67
Schuylkill	2,220	9,102	2,503
EAST CENTRAL, TOTAL	2,570	10,575	2,909
Allegheny	241	988	272
Fayette	*	12	3
Greene	*	25	7
Somerset	85	349	96
Washington	12	49	13
Westmoreland	*	37	10
SOUTHWESTERN, TOTAL	338	1,460	401
Adams	5,839	23,940	6,584
Bedford	545	2,235	615
Cumberland	754	3,091	850
Franklin	1,086	4,453	1,225
Fulton	294	1,205	331
York	7,608	31,193	8,578
SOUTH CENTRAL, TOTAL	16,126	66,117	18,183
Berks	5,005	20,521	5,643
Bucks	121	496	136
Chester	2,208	9,053	2,490
Delaware	*	12	3
Lancaster	41,219	168,998	46,475
Lebanon	4,243	17,396	4,784
Montgomery	280	1,148	316
Philadelphia	*	12	3
SOUTHEASTERN, TOTAL	53,076	217,636	59,850
OTHER COUNTIES	51		
PENNSYLVANIA	109,206	447,745	123,130

* Included in Other Counties

PENNSYLVANIA: COMMERCIAL BROILERS AND ROASTERS - PRODUCTION AND INCOME, 1960-1979

Year	Number Produced	Pounds Per Bird	Pounds Produced	Price Per Pound	Gross Income
	Thousands	Pounds	Thousands	Cents	Thous. Dols.
1960	37,725	3.7	139,582	18.9	26,381
1965	42,962	3.9	167,552	17.6	29,489
1968	45,424	4.0	181,696	16.2	29,435
1969	48,998	4.0	195,992	16.9	33,123
1970 1/	53,677	4.0	214,708	15.6	33,494
1971	60,209	4.0	240,836	16.0	38,534
1972	59,368	4.1	243,409	16.4	39,919
1973	61,263	4.1	251,178	27.5	69,074
1974	63,649	4.1	260,961	29.3	76,462
1975	65,770	4.1	269,657	31.5	84,942
1976	75,108	4.1	307,943	26.7	82,221
1977	88,140	4.0	352,560	25.2	88,845
1978	99,300	4.0	397,200	27.3	108,436
1979	109,206	4.1	447,745	27.5	123,130

1/ Beginning with 1970 marketing year ends November 30.

PENNSYLVANIA: FARM CHICKENS - TOTAL WEIGHT, PRICE, AND VALUE OF PRODUCTION, 1960-1979

Year	Total Weight	Average Price	Value Of Production
	Thous. Lbs.	¢/Lb.	Thous. Dols.
1960	60,924	16.2	9,870
1965	52,386	12.1	6,339
1968	52,669	10.4	5,478
1969	59,088	12.6	7,445
1970 1/	56,816	12.3	6,988
1971	60,652	11.0	6,672
1972	75,019	14.5	10,878
1973	73,231	20.6	15,086
1974	73,851	17.0	12,555
1975	30,993	20.6	6,385
1976	53,430	23.5	12,556
1977	77,306	19.9	15,384
1978	65,672	20.8	13,660
1979	80,151	20.6	16,511

1/ Beginning with 1970 marketing year ends November 30.

PENNSYLVANIA: EGGS - NUMBER PRODUCED, PRICE, AND VALUE OF PRODUCTION, 1960-1979

Year	Number Produced	Price Per Dozen	Value Of Production
	Million	¢/Doz.	Thous. Dols.
1960	3,529	40.9	120,280
1965	3,392	36.1	102,043
1968	3,143	37.0	96,909
1969	3,246	41.8	113,069
1970 1/	3,220	40.9	109,748
1971	3,162	32.3	85,110
1972	2,918	30.5	74,116
1973	2,851	50.9	120,930
1974	2,759	54.0	124,555
1975	2,800	51.2	119,467
1976	2,701	56.8	127,847
1977	2,960	53.7	132,460
1978	3,436	49.3	141,163
1979	3,836	55.7	178,055

1/ Beginning with 1970 marketing year ends November 30.

PENNSYLVANIA: VALUE OF POULTRY MEAT AND EGG PRODUCTION, 1979

County & District	Value Of Poultry Meat			Value Of Eggs	Combined Value Of Poultry Meat & Eggs Produced
	Farm Chickens And Turkeys	Broilers	Total		
			Dollars		
Crawford	117,100	87,000	204,100	1,321,000	1,525,100
Erie	41,600	20,000	61,600	478,000	539,600
Forest	3,300	3,000	6,300	37,000	43,300
Mercer	49,600	152,000	201,600	551,000	752,600
Venango	7,800	116,000	123,800	88,000	211,800
Warren	47,600	3,000	50,600	548,000	598,600
NORTHWESTERN, TOTAL	267,000	381,000	648,000	3,023,000	3,671,000
Bradford	131,500	840,000	971,500	1,417,000	2,388,500
Cameron	2,000	3,000	5,000	5,000	10,000
Clinton	11,100	24,000	35,100	126,000	161,100
Elk	71,700	46,000	117,700	787,000	904,700
Lycoming	48,000	242,000	290,000	520,000	810,000
McKean	13,900	306,000	319,900	157,000	476,900
Potter	73,200	242,000	315,200	801,000	1,116,200
Sullivan	7,300	919,000	926,300	70,000	996,300
Tioga	145,100	1,793,000	1,938,100	1,594,000	3,532,100
NORTH CENTRAL, TOTAL	503,800	4,415,000	4,918,800	5,477,000	10,395,800
Lackawanna	115,900	140,000	255,900	1,248,000	1,503,900
Susquehanna	250,000	152,000	402,000	2,723,000	3,125,000
Wayne	255,500	365,000	620,500	2,805,000	3,425,500
Wyoming	63,600	236,000	299,600	687,000	986,600
NORTHEASTERN, TOTAL	685,000	893,000	1,578,000	7,463,000	9,041,000
Armstrong	33,900	43,000	76,900	378,000	454,900
Beaver	30,700	7,000	37,700	326,000	363,700
Butler	167,800	67,000	234,800	1,856,000	2,090,800
Clarion	63,000	3,000	66,000	676,000	742,000
Indiana	253,700	252,000	505,700	2,390,000	2,895,700
Jefferson	49,100	83,000	132,100	533,000	665,100
Lawrence	126,700	46,000	172,700	1,381,000	1,553,700
WEST CENTRAL, TOTAL	724,900	501,000	1,225,900	7,540,000	8,765,900
Blair	194,600	439,000	633,600	1,071,000	1,704,600
Cambria	81,100	5,770,000	5,851,100	894,000	6,745,100
Centre	45,000	20,000	65,000	485,000	550,000
Clearfield	74,700	27,000	101,700	788,000	889,700
Columbia	181,500	2,569,000	2,750,500	1,915,000	4,665,500
Dauphin	360,600	4,050,000	4,410,600	3,959,000	8,369,600
Huntingdon	59,300	325,000	384,300	649,000	1,033,300
Juniata	182,400	3,582,000	3,764,400	1,971,000	5,735,400
Mifflin	165,500	4,325,000	4,490,500	1,782,000	6,272,500
Montour	71,800	1,013,000	1,084,800	787,000	1,871,800
Northumberland	339,900	4,070,000	4,409,900	3,664,000	8,073,900
Perry	1,127,600	973,000	2,100,600	2,537,000	4,637,600
Snyder	248,700	6,024,000	6,272,700	2,720,000	8,992,700
Union	193,000	2,410,000	2,603,000	2,120,000	4,723,000
CENTRAL, TOTAL	3,325,700	35,597,000	38,922,700	25,342,000	64,264,700
Carbon	45,300	7,000	52,300	487,000	539,300
Lehigh	11,377,800	17,000	11,394,800	3,010,000	14,404,800
Luzerne	74,300	113,000	187,300	816,000	1,003,300
Monroe	29,200	3,000	32,200	321,000	353,200
Northampton	158,200	199,000	357,200	1,723,000	2,080,200
Pike	22,400	67,000	89,400	252,000	341,400
Schuylkill	3,043,200	2,503,000	5,546,200	6,281,000	11,827,200
EAST CENTRAL, TOTAL	14,750,400	2,909,000	17,659,400	12,890,000	30,549,400
Allegheny	97,200	272,000	369,200	960,000	1,329,200
Fayette	121,400	3,000	124,400	1,266,000	1,390,400
Greene	19,400	7,000	26,400	207,000	233,400
Somerset	145,600	96,000	241,600	1,462,000	1,703,600
Washington	87,500	13,000	100,500	852,000	952,500
Westmoreland	666,900	10,000	676,900	1,752,000	2,428,900
SOUTHWESTERN, TOTAL	1,138,000	401,000	1,539,000	6,499,000	8,038,000
Adams	983,600	6,584,000	7,567,600	7,673,000	15,240,600
Bedford	59,000	615,000	674,000	580,000	1,254,000
Cumberland	680,300	850,000	1,530,300	2,109,000	3,639,300
Franklin	311,800	1,225,000	1,536,800	3,112,000	4,648,800
Fulton	59,600	331,000	390,600	575,000	965,600
York	15,928,500	8,578,000	24,506,500	6,970,000	31,476,500
SOUTH CENTRAL, TOTAL	18,022,800	18,183,000	36,205,800	21,019,000	57,224,800
Berks	437,600	5,643,000	6,080,600	4,730,000	10,810,600
Bucks	494,100	136,000	630,100	4,527,000	5,157,100
Chester	476,400	2,490,000	2,966,400	3,041,000	6,007,400
Delaware	9,000	3,000	12,000	99,000	111,000
Lancaster	10,260,900	46,475,000	56,735,900	68,069,000	124,804,900
Lebanon	362,400	4,784,000	5,146,400	3,995,000	9,141,400
Montgomery	4,299,300	316,000	4,615,300	4,334,000	8,949,300
Philadelphia	700	3,000	3,700	7,000	10,700
SOUTHEASTERN, TOTAL	16,340,400	59,850,000	76,190,400	88,802,000	164,992,400
PENNSYLVANIA	55,758,000	123,130,000	178,888,000	178,055,000	356,943,000

TURKEYS — 1979

By William J. Sedlak

During 1979 Pennsylvania's turkey growers raised 4,740,000 turkeys, up 37 percent from 1978. Total liveweight was 85,320,000 pounds, also up 37 percent from a year ago. Average liveweight per bird for 1979 was 18.0 pounds, and the average price received was 46.0 cents per pound, giving a gross income of $39,247,000, up 33 percent from 1978.

The number of breeder hens on hand in Pennsylvania on December 1, 1979 totaled 61,000, up 27 percent from December 1, 1978. The average value per breeder hen during 1979 was $15.50 giving the total breeder hen flock in Pennsylvania a value of $946,000 compared with $744,000 during 1978.

During 1979, 2,289,000 poults were hatched in Pennsylvania, a 22 percent increase from 1978. In the North Atlantic Region of the United States, death loss of young turkeys as compared to the total number bought and home hatched was 7 percent, the same as the previous year.

PENNSYLVANIA: TURKEYS - PRODUCTION, DISPOSITION, PRICE AND INCOME, 1960-1979

Year	Number Raised			Lost	Produced	Average Live-Weight	Pounds Produced	Price Per Pound	Value Of Production
	Heavy Breeds	Light Breeds	Total 1/						
	Thousand					Pounds	Thousand	Cents	Thous. Dols.
1960	1,376	229	1,605	2	1,603	18.8	30,136	30.8	9,282
1965	1,485	265	1,750	2	1,748	19.0	33,218	26.5	8,803
1968	1,342	269	1,611	2	1,609	19.9	31,980	24.1	7,707
1969	1,678	250	1,928	3	1,925	20.1	38,705	25.3	9,792
1970	1,913	353	2,266	-	2,266	19.6	44,414	25.4	11,274
1971	2,296	459	2,755	-	2,755	19.3	53,172	25.0	13,293
1972	2,524	402	2,926	-	2,926	19.6	57,350	25.2	14,452
1973	2,336	496	2,832	-	2,832	19.0	53,808	36.0	19,371
1974	2,406	545	2,951	-	2,951	19.0	56,069	33.5	18,783
1975	2,313	525	2,838	-	2,838	19.0	53,922	37.3	20,113
1976	2,969	726	3,695	-	3,695	19.0	70,205	38.0	26,678
1977	2,979	588	3,567	-	3,567	19.0	67,773	40.2	27,245
1978	3,280	170	3,450	-	3,450	18.0	62,100	47.4	29,435
1979	4,070	670	4,740	-	4,740	18.0	85,320	46.0	39,247

1/ Excludes young turkeys lost. For years, 1960-1969 young turkeys lost were included.

PENNSYLVANIA: TURKEY POULTS HATCHED - 1960-1979

Year	Heavy Breeds	Light Breeds	Total
	Thousands		
1960	1,218	218	1,436
1965	1,152	236	1,377
1968	1,226	300	1,526
1969	1,387	201	1,588
1970	1,339	294	1,633
1971	1,521	309	1,830
1972	1,975	327	2,302
1973	1,837	333	2,170
1974	2,010	244	2,254
1975	1,980	364	2,344
1976	1,859	397	2,256
1977	2,234	364	2,598
1978	1,859	17	1,876
1979	2,060	229	2,289

MINK

By J. Neil Woodward

Pennsylvania mink ranchers produced 138,000 pelts in 1978, 7 percent more than the 1977 crop. Demi-buff was the most common color accounting for 26 percent of the total pelts produced. The next most common colors were pastel and pearl.

The number of females bred to produce kits in 1979 was 42,200, up 1,400 from 1978. The number of Pennsylvania mink ranches declined for the ninth straight year to 46.

Mink pelt production in the **United States** in 1978 totaled 3,347,000, up 9 percent from the previous year. By color class, the number of pelts as a percent of the total 1978 production was: standard 34.8, pastel 23.2, demi-buff 20.6, pearl 5.6, violet type 5.6 while the remaining color classes accounted for 10.2 percent.

Mink pelts sold during the 1978 crop year were valued at 131.5 million dollars. This compares with a value of 87.1 million dollars for pelts sold during the 1977 crop year. The jump in value was primarily due to an average marketing price rise from $28.30 in 1977 to $39.30 in 1978.

Females bred to produce kits in 1979 numbered 963,000, up 4 percent from the 925,000 the previous year. All but three of the major producing states showed increases from the preceding year. Bred females and percent changes from a year ago for the two major color classes were: standard 528,000, up 15 percent; pastel 205,000, down 14 percent.

There were 1,083 mink ranches in the United States that produced pelts in 1978, up 4 percent from a year ago. Wisconsin with 259 ranches was up 2 percent. Utah with 187 was up 1 percent and Minnesota with 141 was up 9 percent.

PENNSYLVANIA: MINK PELTS PRODUCED AND FEMALES BRED, BY-COLOR CLASS, 1976-1979

Color Class	Pelts Produced			Females Bred To Produce Kits		
	1976	1977	1978	1977	1978	1979
Standard	15,300	12,700	14,500	9,500	10,300	14,600
Pastel	20,800	25,000	26,100	8,700	9,600	7,500
Pale Brown	1/	1/	1/	1/	1/	1/
Sapphire	7,600	14,000	16,900	3,400	5,000	6,500
Gunmetal	1,100	1,300	1,500	520	410	610
Platinum	500	310	1/	450	1/	1/
Pearl	31,100	29,400	24,400	10,100	7,500	7,000
Lavender-Hope	1/	1/	1/	1/	1/	1/
Violet Type	23,300	15,300	14,700	5,900	4,700	4,100
White	1/	1/	1/	-	1/	1/
Pink	1/	1/	1,700	1/	1,600	710
Demi-Buff	21,600	25,700	35,600	2/	2/	2/
PENNSYLVANIA TOTAL	126,000	129,000	138,000	40,300	40,800	42,200

1/ Included in total to avoid disclosing individual operations. 2/ Included in standard color class.

MINK RANCHES, PELTS PRODUCED, AND FEMALES BRED, MAJOR STATES - 1976-1979

State	Ranches Producing Pelts			Pelts Produced			Females Bred To Produce Kits In		
	1976	1977	1978	1976	1977	1978	1977	1978	1979
PENNSYLVANIA	49	48	46	126,000	129,000	138,000	40,300	40,800	42,200
Idaho	34	38	53	127,000	132,000	141,000	37,500	39,000	43,500
Illinois	29	28	29	173,000	176,000	171,000	46,100	43,700	46,600
Indiana	8	8	16	18,000	18,000	19,000	4,600	4,800	5,300
Iowa	49	48	43	104,000	105,000	112,000	38,100	32,600	33,200
Massachusetts	9	16	16	16,000	21,000	20,000	5,000	5,700	5,400
Michigan	35	37	45	105,000	104,000	106,000	29,000	32,000	31,000
Minnesota	123	129	141	383,000	376,000	447,000	104,000	116,000	122,000
New York	36	34	34	100,000	95,000	110,000	29,300	31,100	29,900
Ohio	37	34	35	121,000	117,000	122,000	35,800	35,400	38,300
Oregon	42	36	37	139,000	141,000	148,000	35,600	38,700	40,400
South Dakota	7	9	8	58,000	59,000	69,000	16,900	16,600	16,900
Utah	168	185	187	323,000	359,000	411,000	113,000	129,000	141,000
Washington	54	56	55	154,000	169,000	167,000	45,700	46,800	45,900
Wisconsin	260	255	259	931,000	928,000	1,004,000	257,000	264,000	267,600
All Other States	75	79	79	148,000	147,000	162,000	49,000	49,000	54,000
U.S. Total	1,015	1,040	1,083	3,026,000	3,076,000	3,347,000	887,000	925,000	963,000

HONEY PRODUCTION — 1979

By William J. Sedlak

Pennsylvania honey production during 1979 totaled 3,034,000 pounds, up 25 percent from 1978. The increased production was due to a higher yield per colony, 41 pounds for 1979 compared to 31 pounds in 1978. Beeswax production for 1979 totaled 58,000 pounds, 23 percent more than last year's 47,000 pounds. Honey stocks on hand in mid-December totaled 1,001,000 pounds compared with 725,000 pounds the previous year.

Sales of all honey in Pennsylvania during 1979 indicated that an average price of 64.3 cents per pound was received, one cent less than the average price of 65.3 cents received in 1978.

The price of all extracted honey sold wholesale in 1979 averaged 56 cents per pound compared with 54 cents per pound in 1978. The price of extracted, processed, packaged honey sold retail during 1979 averaged 91 cents per pound, an increase of 3 cents per pound over 1978. The average price per pound for all chunk and comb honey sold during 1979 was 95 cents and 1.15 dollars respectively. The price of beeswax in Pennsylvania during 1979 averaged 1.91 dollars per pound compared with 1.72 dollars per pound the previous year.

PENNSYLVANIA: HONEY AND BEESWAX, PRODUCTION AND VALUE, 1964-1979

Year	Honey						Beeswax		
	Colonies Of Bees	Yield Per Colony	Production	Price Per Pound	Total Value	Stocks On Hand 1/	Production	Price Per Pound	Total Value
	Thous.	Lbs.	Thous. Lbs.	Dols.	Thous. Dols.	Thous. Lbs.	Thous. Lbs.	Dols.	Thous. Dols.
1964	124	42	5,208	.215	1,120	1,771	94	.50	47
1965	119	30	3,570	.220	785	1,071	86	.49	42
1966	117	32	3,744	.224	839	1,198	94	.49	46
1967	113	29	3,277	.202	662	950	59	.57	34
1968	110	28	3,080	.212	653	1,016	71	.59	42
1969	108	31	3,348	.216	723	1,440	74	.63	47
1970	96	39	3,744	.202	756	1,385	67	.57	38
1971	89	40	3,560	.252	897	1,566	64	.63	40
1972	92	41	3,772	.338	1,275	981	72	.69	50
1973	95	40	3,800	.443	1,683	1,330	61	.79	48
1974	100	21	2,100	.594	1,247	735	40	1.05	42
1975	86	25	2,150	.589	1,266	645	43	.98	42
1976	93	31	2,883	.615	1,773	923	46	1.05	48
1977	93	31	2,883	.656	1,891	865	46	1.58	73
1978	78	31	2,418	.653	1,579	725	47	1.72	81
1979	74	41	3,034	.643	1,951	1,001	58	1.91	111

1/ Stocks On Hand December 15 for sale.

PENNSYLVANIA: HONEY AND BEESWAX, AVERAGE PRICE PER POUND, 1973-1979

	1973	1974	1975	1976	1977	1978	1979
	Dollars Per Pound						
Honey, All Sales	.443	.594	.589	.615	.656	.653	.643
Honey, Wholesale:							
Package	.510	.590	.650	.700	.760	.710	.670
Total Bulk Plus Packaged	.400	.560	.540	.520	.560	.540	.560
Honey, Retail:							
Comb	.660	.770	.880	.960	1.020	1.110	1.150
Extracted	.640	.710	.770	.810	.860	.880	.910
Chunk	.640	.730	.830	.930	.910	.860	.950
Beeswax	.790	1.050	.980	1.050	1.580	1.720	1.910

PENNSYLVANIA CROP PRODUCTION — 1979

By Eliot F. Dorman

SMALL GRAIN ACREAGE RISES BUT PRODUCTION DECLINES: Total acreage of small grains harvested in 1979 at 729,000 was up slightly from the 726,000 acres harvested in 1978. Aggregate production for the four small grains was 32,411,000 bushels — a slight decrease. **Winter Wheat** production totaled 8,122,000 bushels, a slight increase from the 8,085,000 bushels produced in 1978. Although there were 262,000 acres harvested, an increase of 7 percent from 245,000 in 1978, yield was 31.0 bushels per acre compared with 33.0. **Oats** acres harvested went from 340,000 in 1978 to 335,000 in 1979. Average yield for 1979 was 55 bushels per acre compared to 53 the previous year. Production increased from 18,020,000 bushels in 1978 to 18,425,000 in 1979. **Barley** acreage was also off at 115,000 acres harvested compared with 125,000 in 1978 — a decrease of 8 percent. Production at 5,405,000 bushels was down 8 percent with yield unchanged at 47.0 bushels per acre. **Rye** acres harvested was up from 16,000 in 1978 to 17,000 in 1979. Production was off 10 percent from 512,000 bushels in 1978 to 459,000 bushels in 1979. Yield fell from 32.0 to 27.0 bushels per acre.

CORN RECORDS BROKEN FOURTH CONSECUTIVE YEAR: Pennsylvania's crop of corn for grain at 115,425,000 bushels set another record high — the fourth in succession. Acres harvested for grain at 1,215,000 was the highest of record since 1921. Yield per acre at 95.0 bushels equalled the record high set in 1978. Corn silage acreage harvested was 410,000, the same as in 1978. Yield per acre at 15.0 tons compares to 15.5 in 1978. Production at 6,150,000 tons was down from the 6,355,000 in 1978.

HAY PRODUCTION AND QUALITY DECREASE: Both quantity and quality of hay produced in 1979 was off from that of 1978. All hay production was 4,293,000 tons, 30,000 tons or 1 percent less than 4,323,000 tons produced in 1978. All hay yield was down .04 tons per acre as the alfalfa hay yield went from 2.80 to 2.70 tons per acre and other hay yield remained steady at 1.80 tons per acre. Acreage harvested increased for both, alfalfa — from 840,000 to 850,000 — and other — from 1,095,000 to 1,190,000 and resulted in an all hay acreage gain from 1,935,000 to 1,960,000.

SOYBEANS SET NEW RECORD HIGHS: Acreage harvested for soybeans in 1979 at 82,000 set a new record high. Comparable acreage for 1978 was 62,000 and the previous record stood at 67,000 acres, set in 1977. Yield per acre was 32.0 bushels, also a record high, exceeding the 31.5 bushel yield set last year. The resultant 2,634,000 bushel production exceeded 1978 production of 1,953,000 bushels by 35 percent and the previous record 2,077,000 set in 1977 by 27 percent.

PENNSYLVANIA POTATO ACREAGE RECORD LOW: Pennsylvania potato acreage, both planted and harvested set a new record low. Acres planted went from 26,000 in 1978 to 25,000 in 1979 and acres harvested from 25,000 to 24,000. Yield was unchanged at 250 cwt. per acre and production at 6,000,000 cwt. was the lowest since 1972.

VEGETABLE PRODUCTION DOWN THIRD YEAR IN A ROW: Combined production of fresh market and processed vegetables declined 8 percent from 1978. This is the third successive decline bringing total production down to 25 percent less than in 1976. Processing vegetable production was off 9 percent, and fresh market production dropped 6 percent. Value of all vegetables was down 5 percent — processing vegetables down 4 percent and fresh market vegetables down 6 percent. Acreage planted for vegetable production in 1979 was up 1 percent but acreage harvested was down 1 percent as there was more abandonment.

FRUIT PRODUCTION UP SHARPLY: Late April warm weather opened buds and stimulated vegetative growth. Pollination conditions were generally fair to good in most orchard localities but variable by fruit type and varieties. Frost damage reduced prospective fruit crops in some areas but not significantly on a State wide basis, except for peaches. Conditions during the growing season were generally favorable with ample precipitation resulting in heavy production.

Total 1979 production of the six major Pennsylvania fruit crops (apples, peaches, pears, sweet and tart cherries and grapes) was 357,400 tons, up 16 percent from the 307,150 ton production in 1978. Virtually all of the increase was in apple production. Crops of sweet and tart cherries were also larger but production for grapes and pears was smaller.

PENNSYLVANIA: SUMMARY OF PRINCIPAL CROPS HARVESTED IN 1979

Crop	Acres Harvested	Production 1/			Value 2/	
		Unit	Per Acre	Total	Per Unit	Total
				Thous.	Dollars	Thous. Dols.
Wheat	262,000	Bu.	31	8,122	4.15	33,706
Rye	17,000	Bu.	27	459	3.20	1,469
Oats	335,000	Bu.	55	18,425	1.35	24,874
Barley	115,000	Bu.	47	5,405	2.15	11,621
Soybeans	82,000	Bu.	32	2,624	5.70	14,957
Corn, For Grain	1,215,000	Bu.	95	115,425	2.95	340,504
For Silage	410,000	Ton	15	6,150	20.00	123,000
Sorghum, For Grain	7,000	Bu.	75	525	2.30	1,208
For Silage	4,000	Ton	13	52	17.80	926
Hay, All	1,960,000	Ton	2.19	4,293	53.50	229,676
Alfalfa	850,000	Ton	2.70	2,295	-	-
Other	1,110,000	Ton	1.80	1,998	-	-
Red Clover Seed	8,000	Lb.	70	560	.600	336
Potatoes	24,000	Cwt.	250	6,000	4.85	29,100
Tobacco-Type 41	11,200	Lb.	1,580	17,696	.72	12,741
Maple Syrup	-	Gal.	-	57	13.60	775
Mushrooms 3/	-	Lb.	-	213,790	.715	152,893
Strawberries	1,000	Cwt.	33	33	67.60	2,231
Fresh Vegetables 4/:	17,320	Cwt.	-	1,377	-	15,389
Snap Beans, Summer	620	Cwt.	53	33	23.60	779
Cabbage, Summer	1,800	Cwt.	175	315	6.18	1,947
Sweet Corn, Summer	11,600	Cwt.	46	534	10.50	5,660
Tomatoes, Summer	2,200	Cwt.	130	286	20.00	5,720
Cabbage, Fall	1,100	Cwt.	190	209	6.14	1,283
Processing Vegetables 4/:	14,630	Ton	-	97.890	-	7,574
Snap Beans	5,000	Ton	2.11	9.920	167.00	1,657
Sweet Corn	3,900	Ton	2.91	11.350	43.30	491
Tomatoes	4,400	Ton	16.65	73.260	65.80	4,821
Pears	-	Ton	-	2.8	294.00	823
Cherries, Sweet	-	Ton	-	.95	1,122.00	1,066
Grapes	-	Ton	-	55.5	218.00	12,099
				Million Pounds		
Apples	-	Lb.	-	505	.091	45,955
Peaches	-	Lb.	-	90	.148	13,320
Cherries, Tart	-	Lb.	-	6.3	.508	3,125
TOTAL: FIELD & VEG. CROPS...	4,483,150		-	-	-	849,312
ALL CROPS...			-	-	-	1,079,368

1/ Excludes some quantities of vegetables and fruit not harvested or not marketed because of economic conditions and excess cullage of fruit.
2/ Includes allowance for loans outstanding and purchases by government valued at average loan and purchase rates.
3/ Production year ending June 30.
4/ Includes some unlisted crops, e.g. lima beans, cabbage, cucumbers and spinach for processing and asparagus for fresh market and processing.

PENNSYLVANIA: ACREAGE, YIELD, PRODUCTION, DISPOSITION AND VALUE OF GRAINS AND HAY, 1960-1979

Year	Acres Harvested	Production		Used On Farms Where Grown	Sold	Season Average Price Per Unit	Value Of Production
		Per Acre	Total				
	Thousand	Bushel	Thous. Bu.	Thous. Bu.	Thous. Bu.	$/Bu.	Thous. Dols.
			Winter Wheat				
1960	535	29.5	15,782	3,485	12,297	1.67	26,356
1965	408	35.0	14,280	4,499	9,781	1.35	19,278
1970	275	33.0	9,075	3,013	6,062	1.42	12,887
1973	264	28.0	7,392	1,825	5,567	3.19	23,580
1974	320	36.0	11,520	2,329	9,191	3.63	41,818
1975	317	32.0	10,144	2,211	7,933	2.99	30,331
1976	300	30.0	9,000	1,791	6,905	2.25	27,000
1977	270	33.0	8,910	2,005	6,905	2.40	21,384
1978	245	33.0	8,085	1,334	6,751	3.35	27,085
1979	262	31.0	8,122	1,681	6,441	4.15	33,706
			Oats				
1960	653	42.5	27,752	24,422	3,330	.74	20,536
1965	521	47.0	24,487	20,324	4,163	.78	19,100
1970	395	57.0	22,515	17,337	5,178	.78	17,562
1973	375	49.0	18,375	14,332	4,043	1.34	24,623
1974	375	54.0	20,250	14,580	5,670	1.65	33,413
1975	375	53.0	19,375	14,906	4,969	1.53	30,409
1976	355	51.0	18,105	13,941	4,164	1.64	29,692
1977	350	53.0	18,550	14,283	4,267	1.47	27,269
1978	340	53.0	18,020	13,695	4,325	1.42	25,588
1979	335	55.0	18,425	14,371	4,054	1.35	24,874
			Barley				
1960	168	45.0	7,560	5,594	1,966	.92	6,955
1965	144	51.0	7,344	5,361	1,983	.98	7,197
1970	172	50.0	8,600	6,278	2,322	.96	8,256
1973	130	44.0	5,720	3,432	2,288	1.65	9,438
1974	140	55.0	7,700	5,544	2,156	2.01	15,477
1975	130	50.0	6,500	4,290	2,210	1.73	11,245
1976	125	43.0	5,375	3,655	1,720	2.01	10,804
1977	125	50.0	6,250	4,312	1,938	1.93	12,063
1978	125	47.0	5,875	3,877	1,998	1.81	10,634
1979	115	47.0	5,405	3,459	1,946	2.15	11,621
			Corn For Grain				
1960	923	67.0	61,841	38,341	23,500	1.22	75,446
1965	820	68.0	55,760	35,129	20,631	1.37	76,391
1970	914	89.0	81,346	49,621	31,725	1.51	122,832
1973	1,040	78.0	81,120	46,238	34,882	2.68	217,402
1974	1,100	81.0	89,100	53,460	35,640	3.07	273,537
1975	1,080	82.0	88,560	49,594	38,966	2.60	230,256
1976	1,150	90.0	103,500	61,065	42,435	2.37	245,295
1977	1,160	92.0	106,720	62,965	43,755	2.32	247,590
1978	1,190	95.0	113,050	64,438	48,612	2.68	302,974
1979	1,215	95.0	115,425	66,946	48,479	2.95	340,504
			Corn For Silage				
		Tons	Thous. Tons	Thous. Tons	Thous. Tons	$/Ton	Thous. Dols.
1960	260	11.5	2,990			8.50	25,415
1965	387	11.0	4,257			10.00	42,570
1970	318	15.5	4,929			10.50	51,755
1973	432	14.0	6,048			12.80	77,414
1974	403	14.0	5,642			17.40	98,171
1975	444	14.0	6,216			18.50	114,996
1976	424	14.5	6,148			19.80	121,730
1977	440	15.0	6,600			21.40	141,240
1978	410	15.5	6,355			20.45	129,960
1979	410	15.0	6,150			20.00	123,000
			All Hay				
1960	2,087	1.91	3,991	3,672	319	24.30	96,981
1965	2,074	1.71	3,554	3,145	409	33.70	119,770
1970	2,069	2.18	4,511	3,834	677	30.00	135,330
1973	1,912	2.26	4,323	3,610	713	40.50	175,082
1974	1,882	2.22	4,172	3,525	647	45.00	187,740
1975	1,900	2.25	4,266	3,626	640	53.00	226,098
1976	1,870	2.19	4,095	3,419	676	58.00	237,510
1977	1,915	2.03	3,889	3,267	622	75.00	291,675
1978	1,935	2.23	4,323	3,545	778	62.00	268,026
1979	1,960	2.19	4,293	3,499	794	53.50	229,676

PENNSYLVANIA: FARM AND OFF-FARM GRAIN AND HAY STOCKS QUARTERLY, 1977-1980

Year And Quarter	On-Farms	Off-Farms 1/	Total All Positions
		Thousand Bushels	
		All Wheat	
1977: Jan. 1	1,530	4,636	6,166
Apr. 1	1,080	2,752	3,832
June 1	630	1,869	2,499
Oct. 1	2,495	6,283	8,778
1978: Jan. 1	2,049	5,384	7,433
Apr. 1	1,158	3,458	4,616
June 1	713	2,145	2,858
Oct. 1	2,264	5,094	7,358
1979: Jan. 1	1,374	3,414	4,788
Apr. 1	485	2,160	2,645
June 1	323	1,305	1,628
Oct. 1	2,193	9,390	11,583
1980: Jan. 1	1,218	4,814	6,032
		Oats	
1977: Jan. 1	10,501	849	11,350
Apr. 1	6,518	639	7,157
June 1	4,345	397	4,742
Oct. 1	13,727	1,299	15,026
1978: Jan. 1	10,759	808	11,567
Apr. 1	6,864	573	7,437
June 1	4,823	459	5,282
Oct. 1	13,695	1,347	15,042
1979: Jan. 1	11,172	1,019	12,191
Apr. 1	6,487	906	7,393
June 1	4,865	701	5,566
Oct. 1	14,187	1,748	15,935
1980: Jan. 1	10,687	1,094	11,781
		Barley	
1977: Jan. 1	2,204	234	2,438
Apr. 1	1,398	169	1,567
June 1	699	115	814
Oct. 1	2,938	599	3,537
1978: Jan. 1	2,063	438	2,501
Apr. 1	1,250	302	1,552
June 1	813	232	1,045
Oct. 1	2,996	624	3,620
1979: Jan. 1	2,350	521	2,871
Apr. 1	1,175	477	1,652
June 1	881	352	1,233
Oct. 1	2,757	467	3,224
1980: Jan. 1	1,838	304	2,142
		Corn	
1977: Jan. 1	71,415	5,347	76,762
Apr. 1	48,645	5,336	53,981
June 1	36,225	4,881	41,106
Oct. 1	11,385	2,703	14,088
1978: Jan. 1	68,301	6,046	74,347
Apr. 1	50,158	5,498	55,656
June 1	39,486	3,026	42,512
Oct. 1	11,739	2,307	14,046
1979: Jan. 1	79,135	6,316	85,451
Apr. 1	54,264	6,708	60,972
June 1	41,829	4,695	46,524
Oct. 1	11,305	2,171	13,476
1980: Jan. 1	76,181	9,258	85,439
		Thousand Tons	
		Hay	
1977: Jan. 1	2,457	-	2,457
May 1	655	-	655
1978: Jan. 1	2,178	-	2,178
May 1	583	-	583
1979: Jan. 1	2,767	-	2,767
May 1	1,210	-	1,210
1980: Jan. 1	3,134	-	3,134

1/ Includes stocks at mills, elevators, warehouses, terminals, processors and CCC-owned grain at bin sites.

PENNSYLVAINA: CORN HARVESTED FOR GRAIN - ACERAGE, YIELD, PRODUCTION AND VALUE - 1979

County & District	Acreage Harvested	Yield	Production	Value Of Production
	Acres	Bushels	Bushels	Dollars
Crawford	24,500	96.0	2,352,000	6,938,400
Erie	19,200	92.0	1,766,400	5,210,900
Forest	200	90.0	18,000	53,100
Mercer	29,600	96.0	2,841,600	8,382,700
Venango	3,900	97.0	378,300	1,116,000
Warren	800	92.0	73,600	217,100
NORTHWESTERN, TOTAL	78,200	95.0	7,429,900	21,918,200
Bradford	19,950	86.0	1,715,800	5,061,600
Cameron	200	83.0	16,600	49,000
Clinton	5,700	95.0	541,500	1,597,400
Elk	450	85.8	38,200	112,700
Lycoming	24,200	96.0	2,323,200	6,853,400
McKean	350	88.6	31,000	91,500
Potter	1,100	92.0	101,200	298,500
Sullivan	750	84.9	63,700	197,900
Tioga	14,300	89.0	1,272,700	3,754,500
NORTH CENTRAL, TOTAL	67,000	91.1	6,103,900	18,006,500
Lackawanna	850	82.9	70,500	208,000
Susquehanna	2,200	83.0	182,600	538,700
Wayne	2,100	89.0	186,900	551,400
Wyoming	3,100	90.0	279,000	823,000
NORTHEASTERN, TOTAL	8,250	87.2	719,000	2,121,100
Armstrong	13,000	85.0	1,105,000	3,259,800
Beaver	5,200	93.0	483,600	1,426,600
Butler	19,900	92.0	1,830,800	5,400,900
Clarion	6,200	95.0	589,000	1,737,600
Indiana	11,700	86.0	1,006,200	2,968,300
Jefferson	8,300	90.0	747,000	2,203,600
Lawrence	17,000	89.0	1,513,000	4,463,400
WEST CENTRAL, TOTAL	81,300	89.5	7,274,600	21,460,200
Blair	10,500	94.0	987,000	2,911,600
Cambria	11,400	82.0	934,800	2,757,700
Centre	29,700	96.0	2,851,200	8,411,000
Clearfield	6,100	84.0	512,400	1,511,600
Columbia	25,500	98.0	2,499,000	7,372,100
Dauphin	19,500	97.0	1,891,500	5,579,900
Huntingdon	11,800	100.0	1,180,000	3,481,000
Juniata	16,000	89.0	1,424,000	4,200,800
Mifflin	14,000	93.0	1,302,000	3,840,900
Montour	8,000	100.0	800,000	2,360,000
Northumberland	32,000	92.0	2,944,000	8,684,800
Perry	15,600	96.0	1,497,600	4,417,900
Snyder	22,500	93.0	2,092,500	6,172,900
Union	20,500	96.0	1,968,000	5,805,600
CENTRAL, TOTAL	243,100	94.1	22,884,000	67,507,800
Carbon	2,100	98.0	205,800	607,100
Lehigh	44,800	94.0	4,211,200	12,423,000
Luzerne	6,200	98.0	607,600	1,792,400
Monroe	3,700	85.0	314,500	927,800
Northampton	45,900	95.0	4,360,500	12,863,500
Pike	800	85.0	68,000	200,600
Schuylkill	13,700	89.0	1,233,000	3,637,400
EAST CENTRAL, TOTAL	117,200	93.9	11,000,600	32,451,800
Allegheny	1,950	89.0	173,500	511,800
Fayette	12,500	94.0	1,175,000	3,466,300
Greene	1,900	90.0	171,000	504,400
Somerset	17,500	90.0	1,575,000	4,646,300
Washington	11,000	89.0	979,000	2,888,000
Westmoreland	13,800	95.0	1,311,000	3,867,500
SOUTHWESTERN, TOTAL	58,650	91.8	5,384,500	15,884,300
Adams	42,000	90.0	3,780,000	11,151,000
Bedford	18,600	102.0	1,897,200	5,596,700
Cumberland	39,700	95.0	3,771,500	11,125,900
Franklin	54,700	100.0	5,470,000	16,136,500
Fulton	7,000	98.0	686,000	2,023,700
York	83,700	89.0	7,449,300	21,975,500
SOUTH CENTRAL, TOTAL	245,700	93.8	23,054,000	68,009,300
Berks	69,700	95.0	6,621,500	19,533,400
Bucks	27,100	93.0	2,520,300	7,434,900
Chester	49,400	103.0	5,088,200	15,010,200
Delaware	1,900	98.0	186,200	549,300
Lancaster	120,200	104.9	12,614,200	37,211,900
Lebanon	25,300	97.0	2,454,100	7,239,600
Montgomery	22,000	95.0	2,090,000	6,165,500
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	315,600	100.0	31,574,500	93,144,800
PENNSYLVANIA	1,215,000	95.0	115,425,000	340,504,000

PENNSYLVANIA: CORN HARVESTED FOR SILAGE - ACREAGE, YIELD, PRODUCTION AND VALUE - 1979

* County & District	Acreage Harvested	Yield	Production	Value Of Production
	Acres	Tons	Tons	Dollars
Crawford	9,900	13.9	137,700	2,754,000
Erie	7,050	15.6	110,200	2,204,000
Forest	100	15.0	1,500	30,000
Mercer	5,050	15.2	77,000	1,540,000
Venango	2,400	13.3	32,000	640,000
Warren	4,750	12.9	61,100	1,222,000
NORTHWESTERN, TOTAL	29,250	14.3	419,500	8,390,000
Bradford	23,500	12.3	288,900	5,778,000
Cameron	-	-	-	-
Clinton	950	16.3	15,500	310,000
Elk	450	11.3	5,100	102,000
Lycoming	4,100	13.9	57,000	1,140,000
McKean	950	11.1	10,500	210,000
Potter	1,750	15.9	27,800	556,000
Sullivan	2,200	11.9	26,200	524,000
Tioga	8,900	12.5	111,100	2,222,000
NORTH CENTRAL, TOTAL	42,800	12.7	542,100	10,842,000
Lackawanna	800	11.3	9,000	180,000
Susquehanna	14,700	11.4	168,100	3,362,000
Wayne	6,400	14.0	89,600	1,792,000
Wyoming	4,600	12.2	56,100	1,122,000
NORTHEASTERN, TOTAL	26,500	12.2	322,800	6,456,000
Armstrong	4,100	13.6	55,800	1,116,000
Beaver	900	13.2	11,900	238,000
Butler	4,550	14.7	66,700	1,334,000
Clarion	3,200	12.0	38,400	768,000
Indiana	5,000	10.7	53,300	1,066,000
Jefferson	3,200	10.8	34,700	694,000
Lawrence	5,600	12.7	71,000	1,420,000
WEST CENTRAL, TOTAL	26,550	12.5	331,800	6,636,000
Blair	5,650	18.3	103,400	2,068,000
Cambria	2,800	11.6	32,500	650,000
Centre	6,250	17.4	109,000	2,180,000
Clearfield	2,000	12.9	25,700	514,000
Columbia	2,200	13.9	30,600	612,000
Dauphin	5,550	13.2	73,000	1,460,000
Huntingdon	6,400	17.9	114,600	2,292,000
Juniata	5,050	15.3	77,500	1,550,000
Mifflin	7,800	14.6	113,700	2,274,000
Montour	1,850	17.1	31,700	634,000
Northumberland	2,700	16.9	45,500	910,000
Perry	3,600	14.9	53,500	1,070,000
Snyder	4,250	14.5	61,500	1,230,000
Union	3,950	12.7	50,000	1,000,000
CENTRAL, TOTAL	60,050	15.4	922,200	18,444,000
Carbon	900	13.3	12,000	240,000
Lehigh	600	16.2	9,700	194,000
Luzerne	1,600	10.7	17,100	342,000
Monroe	350	10.9	3,800	76,000
Northampton	2,600	15.8	41,100	822,000
Pike	200	11.0	2,200	44,000
Schuylkill	2,000	14.6	29,100	582,000
EAST CENTRAL, TOTAL	8,250	13.9	115,000	2,300,000
Allegheny	650	14.0	9,100	182,000
Fayette	4,900	12.9	63,000	1,260,000
Greene	1,850	11.9	22,000	440,000
Somerset	14,350	12.7	181,900	3,638,000
Washington	2,800	12.2	34,100	682,000
Westmoreland	4,100	13.8	56,600	1,132,000
SOUTHWESTERN, TOTAL	28,650	12.8	366,700	7,334,000
Adams	6,400	17.3	111,000	2,220,000
Bedford	7,750	18.5	143,300	2,866,000
Cumberland	12,000	15.8	189,800	3,796,000
Franklin	23,750	15.1	359,800	7,196,000
Fulton	2,300	14.6	33,500	670,000
York	13,700	17.9	245,400	4,908,000
SOUTH CENTRAL, TOTAL	65,900	16.4	1,082,800	21,656,000
Berks	26,500	13.8	366,200	7,324,000
Bucks	6,900	13.9	96,000	1,920,000
Chester	14,650	16.0	234,500	4,690,000
Delaware	1,900	16.2	30,700	614,000
Lancaster	57,200	18.9	1,079,300	21,586,000
Lebanon	9,800	17.4	170,900	3,418,000
Montgomery	5,100	13.6	69,500	1,390,000
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	122,050	16.8	2,047,100	40,942,000
PENNSYLVANIA	410,000	15.0	6,150,000	123,000,000

PENNSYLVANIA: ALFALFA AND OTHER HAY - ACREAGE, YIELD AND PRODUCTION - 1979

County & District	Alfalfa Hay			Other Hay		
	Acreage Harvested	Yield	Production	Acreage Harvested	Yield	Production
	Acres	Tons	Tons	Acres	Tons	Tons
Crawford	11,000	2.50	27,500	27,700	1.75	48,475
Erie	9,300	2.70	25,110	29,600	1.90	56,240
Forest	600	2.40	1,440	600	1.75	1,050
Mercer	15,200	2.70	41,040	20,800	1.80	37,440
Venango	3,200	2.40	7,680	9,000	1.85	16,650
Warren	6,200	2.30	14,260	15,800	1.65	26,070
NORTHWESTERN, TOTAL	45,500	2.57	117,030	103,500	1.80	185,925
Bradford	26,600	2.40	63,840	67,800	1.70	115,260
Cameron	100	2.20	220	200	1.65	330
Clinton	8,000	2.30	18,400	6,500	2.00	13,000
Elk	1,000	2.50	2,500	1,900	1.80	3,420
Lycoming	13,600	2.40	32,640	15,100	1.80	27,180
McKean	4,900	2.30	11,270	5,700	1.65	9,405
Potter	6,500	2.30	14,950	9,300	1.75	16,275
Sullivan	2,600	1.80	4,680	8,000	1.65	13,200
Tioga	22,900	2.40	54,960	46,300	1.80	83,340
NORTH CENTRAL, TOTAL	86,200	2.36	203,460	160,800	1.75	281,410
Lackawanna	6,700	2.30	15,410	21,500	1.70	36,550
Susquehanna	16,400	2.70	44,280	44,000	1.75	77,000
Wayne	5,100	2.80	14,280	37,200	1.70	63,240
Wyoming	8,000	2.30	18,400	14,100	1.70	23,970
NORTHEASTERN, TOTAL	36,200	2.55	92,370	116,800	1.72	200,760
Armstrong	16,800	2.40	40,320	21,800	1.60	34,880
Beaver	9,500	2.70	25,650	8,000	2.10	16,800
Butler	22,900	2.60	59,540	21,200	1.90	40,280
Clarion	6,700	2.80	18,760	19,700	2.00	39,400
Indiana	19,400	2.30	44,620	23,600	1.65	38,940
Jefferson	8,600	2.70	23,220	11,800	1.75	20,650
Lawrence	9,200	2.70	24,840	9,800	2.00	19,600
WEST CENTRAL, TOTAL	93,100	2.55	236,950	115,900	1.82	210,550
Blair	8,000	2.90	23,200	5,000	1.70	8,500
Cambria	8,400	2.00	16,800	12,500	1.65	20,625
Centre	22,800	2.80	63,840	13,700	2.10	28,770
Clearfield	5,500	2.50	13,750	10,000	1.70	17,000
Columbia	11,300	2.50	28,250	16,900	1.75	29,575
Dauphin	12,500	2.70	33,750	14,500	1.80	26,100
Huntingdon	15,100	3.10	46,810	9,900	1.90	18,810
Juniata	11,100	2.70	29,970	10,100	2.00	20,200
Mifflin	9,100	2.90	26,390	5,600	1.90	10,640
Montour	2,700	2.80	7,560	7,000	1.65	11,550
Northumberland	4,500	2.70	12,150	15,200	1.90	28,880
Perry	12,000	2.70	32,400	10,100	1.75	17,675
Snyder	10,400	2.50	26,000	15,400	2.00	30,800
Union	5,900	2.40	14,160	5,800	1.70	9,860
CENTRAL, TOTAL	139,300	2.69	375,030	151,700	1.84	278,985
Carbon	2,200	3.00	6,600	1,800	1.75	3,150
Lehigh	11,400	2.70	30,780	6,600	1.65	10,890
Luzerne	6,100	2.40	14,640	11,100	1.70	18,870
Monroe	1,400	2.10	2,940	6,400	1.65	10,560
Northampton	16,200	2.60	42,120	900	1.80	1,620
Pike	200	2.40	480	500	1.65	825
Schuylkill	9,900	2.80	27,720	8,300	1.70	14,110
EAST CENTRAL, TOTAL	47,400	2.64	125,280	35,600	1.69	60,025
Allegheny	3,700	2.20	8,140	5,500	1.75	9,625
Fayette	21,200	2.70	57,240	26,700	1.80	48,060
Greene	11,000	2.80	30,800	44,900	1.90	85,310
Somerset	25,500	2.40	61,200	49,900	1.75	87,325
Washington	49,100	2.30	112,930	22,800	1.65	37,620
Westmoreland	24,800	2.70	66,960	27,900	1.70	47,430
SOUTHWESTERN, TOTAL	135,300	2.49	337,270	177,700	1.77	315,370
Adams	4,700	2.90	13,630	18,400	1.75	32,200
Bedford	27,400	2.80	76,720	16,800	1.80	30,240
Cumberland	19,300	2.90	55,970	26,300	1.90	49,970
Franklin	39,400	2.90	114,260	20,900	1.90	39,710
Fulton	9,900	2.40	23,760	13,100	1.70	22,270
York	12,900	3.10	39,990	29,900	1.90	56,810
SOUTH CENTRAL, TOTAL	113,600	2.86	324,330	125,400	1.84	231,200
Berks	51,100	3.10	158,410	28,600	1.75	50,050
Bucks	6,200	2.90	17,980	13,400	1.80	24,120
Chester	23,500	3.30	77,550	26,000	1.75	45,500
Delaware	500	2.80	1,400	500	2.00	1,000
Lancaster	51,700	3.20	165,440	36,900	2.20	81,180
Lebanon	16,700	3.10	51,770	9,900	1.75	17,325
Montgomery	3,700	2.90	10,730	7,300	2.00	14,600
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	153,400	3.15	483,280	122,600	1.91	233,775
PENNSYLVANIA	850,000	2.70	2,295,000	1,110,000	1.80	1,998,000

PENNSYLVANIA: ALL HAY - ACREAGE, YIELD, PRODUCTION AND VALUE - 1979

County & District	Acreage Harvested	Yield	Production	Value Of Production
	Acres	Tons	Tons	Dollars
Crawford	38,700	1.96	75,975	3,798,800
Erie	38,900	2.09	81,350	4,067,500
Forest	1,200	2.08	2,490	124,500
Mercer	36,000	2.18	78,480	3,924,000
Venango	12,200	1.99	24,330	1,216,500
Warren	22,000	1.83	40,330	2,016,500
NORTHWESTERN, TOTAL	149,000	2.03	302,955	15,147,800
Bradford	94,400	1.90	179,100	8,596,800
Cameron	300	1.83	550	26,400
Clinton	14,500	2.17	31,400	1,507,200
Elk	2,900	2.04	5,920	284,160
Lycoming	28,700	2.08	59,820	2,871,400
McKean	10,600	1.95	20,675	992,400
Potter	15,800	1.98	31,225	1,498,800
Sullivan	10,600	1.69	17,880	858,240
Tioga	69,200	2.00	138,300	6,638,400
NORTH CENTRAL, TOTAL	247,000	1.96	484,870	23,273,800
Lackawanna	28,200	1.84	51,960	2,857,800
Susquehanna	60,400	2.01	121,280	6,670,400
Wayne	42,300	1.83	77,520	4,263,600
Wyoming	22,100	1.92	42,370	2,330,400
NORTHEASTERN, TOTAL	153,000	1.92	293,130	16,122,200
Armstrong	38,600	1.95	75,200	4,136,000
Beaver	17,500	2.43	42,450	2,334,750
Butler	44,100	2.26	99,820	5,490,100
Clarion	26,400	2.20	58,160	3,198,800
Indiana	43,000	1.94	83,560	4,595,800
Jefferson	20,400	2.15	43,870	2,412,850
Lawrence	9,000	2.34	44,440	2,444,200
WEST CENTRAL, TOTAL	209,000	2.14	447,500	24,612,500
Blair	13,000	2.44	31,700	1,585,000
Cambria	20,900	1.79	37,425	1,871,250
Centre	36,500	2.54	92,610	4,630,500
Clearfield	15,500	1.98	30,750	1,537,500
Columbia	28,200	2.05	57,825	2,891,300
Dauphin	27,000	2.22	59,850	2,992,500
Huntingdon	25,000	2.62	65,620	3,281,000
Juniata	21,200	2.37	50,170	2,508,500
Mifflin	14,700	2.52	37,030	1,851,500
Montour	9,700	1.97	19,110	955,500
Northumberland	19,700	2.08	41,030	2,051,500
Perry	22,100	2.27	50,075	2,503,750
Snyder	25,800	2.20	56,800	2,840,000
Union	11,700	2.05	24,020	1,201,000
CENTRAL, TOTAL	291,000	2.25	654,015	32,700,800
Carbon	4,000	2.44	9,750	546,000
Lehigh	18,000	2.32	41,670	2,333,520
Luzerne	17,200	1.95	33,510	1,876,560
Monroe	7,800	1.73	13,500	756,000
Northampton	17,100	2.56	43,740	2,449,440
Pike	700	1.86	1,305	73,080
Schuylkill	18,200	2.30	41,830	2,342,500
EAST CENTRAL, TOTAL	83,000	2.26	185,305	10,377,100
Allegheny	9,200	1.93	17,765	959,310
Fayette	47,900	2.20	105,300	5,686,200
Greene	55,900	1.97	116,110	6,269,940
Somerset	75,400	1.97	148,525	8,020,350
Washington	71,900	2.09	150,550	8,129,700
Westmoreland	52,700	2.17	114,390	6,177,100
SOUTHWESTERN, TOTAL	313,000	2.11	652,640	35,242,600
Adams	23,100	1.98	45,830	2,347,780
Bedford	44,200	2.42	106,960	5,479,370
Cumberland	45,600	2.32	105,940	5,427,120
Franklin	60,300	2.55	153,970	7,887,600
Fulton	23,000	2.00	46,030	2,358,030
York	42,800	2.26	96,800	4,958,900
SOUTH CENTRAL, TOTAL	239,000	2.32	555,530	28,458,800
Berks	79,700	2.62	208,460	12,716,100
Bucks	19,600	2.15	42,100	2,568,100
Chester	49,500	2.49	123,050	7,506,050
Delaware	1,000	2.40	2,400	146,400
Lancaster	88,600	2.78	246,620	15,043,820
Lebanon	26,600	2.60	69,095	4,214,800
Montgomery	11,000	2.30	25,330	1,545,130
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	276,000	2.60	717,055	43,740,400
PENNSYLVANIA	1,960,000	2.19	4,293,000	229,676,000

PENNSYLVANIA: WHEAT - ACREAGE, YIELD, PRODUCTION AND VALUE - 1979

County & District	Acreage Harvested	Yield	Production	Value Of Production
	Acres	Bushels	Bushels	Dollars
Crawford	2,900	33.0	95,700	397,200
Erie	2,800	30.0	84,000	348,600
Forest	*	*	*	*
Mercer	5,700	34.0	193,800	804,300
Venango	650	33.0	21,450	89,000
Warren	*	*	*	*
NORTHWESTERN, TOTAL	12,200	32.7	399,400	1,657,500
Bradford	700	31.0	21,700	90,100
Cameron	*	*	*	*
Clinton	1,400	29.0	40,600	168,500
Elk	*	*	*	*
Lycoming	3,900	30.0	117,000	485,600
McKean	*	*	*	*
Potter	350	28.0	9,800	40,600
Sullivan	*	*	*	*
Tioga	250	29.0	7,250	30,100
NORTH CENTRAL, TOTAL	6,800	29.7	201,950	838,100
Lackawanna	*	*	*	*
Susquehanna	*	*	*	*
Wayne	*	*	*	*
Wyoming	*	*	*	*
NORTHEASTERN, TOTAL	200	29.3	5,850	24,200
Armstrong	2,400	35.0	84,000	348,600
Beaver	1,200	35.0	42,000	174,300
Butler	4,600	34.0	156,400	649,100
Clarion	1,500	30.0	45,000	186,700
Indiana	1,700	32.0	54,400	225,800
Jefferson	1,000	30.0	30,000	124,500
Lawrence	3,400	34.0	115,600	479,700
WEST CENTRAL, TOTAL	15,800	33.4	527,400	2,188,700
Blair	1,900	33.0	62,700	260,200
Cambria	1,000	30.0	30,000	124,500
Centre	3,800	31.0	117,800	488,900
Clearfield	400	33.0	13,200	54,800
Columbia	4,500	31.0	139,500	578,900
Dauphin	7,000	29.0	203,000	842,400
Huntingdon	2,500	34.0	85,000	352,700
Juniata	5,500	27.0	148,500	616,300
Mifflin	3,200	28.0	89,600	371,800
Montour	3,300	28.0	92,400	383,500
Northumberland	8,400	28.0	235,200	976,100
Perry	6,900	29.0	200,100	830,400
Snyder	5,400	27.0	145,800	605,100
Union	4,900	27.0	132,300	549,000
CENTRAL, TOTAL	58,700	28.9	1,695,100	7,034,600
Carbon	900	27.0	24,300	100,800
Lehigh	13,200	33.0	435,600	1,807,700
Luzerne	2,400	30.0	72,000	298,800
Monroe	500	30.0	15,000	62,200
Northampton	10,500	35.0	367,500	1,525,100
Pike	-	-	-	-
Schuylkill	3,900	28.0	109,200	453,200
EAST CENTRAL, TOTAL	31,400	32.6	1,023,600	4,247,800
Allegheny	500	32.0	16,000	66,400
Fayette	900	34.0	30,600	127,000
Greene	200	30.0	6,000	24,900
Somerset	1,100	32.0	35,200	146,100
Washington	1,500	31.0	46,500	193,000
Westmoreland	3,500	33.0	115,500	479,300
SOUTHWESTERN, TOTAL	7,700	32.4	249,800	1,036,700
Adams	9,800	29.0	284,200	1,179,400
Bedford	3,800	31.0	117,800	488,900
Cumberland	10,600	34.0	360,400	1,495,700
Franklin	8,800	35.0	308,000	1,278,200
Fulton	3,200	30.0	96,000	398,400
York	33,300	31.0	1,032,300	4,284,000
SOUTH CENTRAL, TOTAL	69,500	31.6	2,198,700	9,124,600
Berks	13,800	31.0	427,800	1,775,400
Bucks	7,600	30.0	228,000	946,200
Chester	6,000	31.0	186,000	771,900
Delaware	200	31.0	6,200	25,700
Lancaster	22,900	30.2	691,600	2,870,100
Lebanon	4,600	30.0	138,000	572,700
Montgomery	4,600	31.0	142,600	591,800
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	59,700	30.5	1,820,200	7,553,800
PENNSYLVANIA	262,000	31.0	8,122,000	33,706,000

*County data included in district totals.

PENNSYLVANIA: BARLEY - ACREAGE, YIELD, PRODUCTION AND VALUE - 1979

County & District	Acreage Harvested	Yield	Production	Value Of Production
	Acres	Bushels	Bushels	Dollars
Crawford	400	53.0	21,200	45,600
Erie	200	47.0	9,400	20,200
Forest	-	-	-	-
Mercer	500	53.0	26,500	57,000
Venango	300	45.0	13,500	29,000
Warren	-	-	-	-
NORTHWESTERN, TOTAL	1,400	50.4	70,600	151,800
Bradford	150	40.0	6,000	12,900
Cameron	-	-	-	-
Clinton	400	50.0	20,000	43,000
Elk	*	*	*	*
Lycoming	300	43.0	12,900	27,800
McKean	*	*	*	*
Potter	-	-	-	-
Sullivan	*	*	*	*
Tioga	100	44.0	4,400	9,500
NORTH CENTRAL, TOTAL	1,100	45.3	49,800	107,100
Lackawanna	-	-	-	-
Susquehanna	-	-	-	-
Wayne	-	-	-	-
Wyoming	-	-	-	-
NORTHEASTERN, TOTAL	-	-	-	-
Armstrong	1,400	48.0	67,200	144,400
Beaver	1,000	48.0	48,000	103,200
Butler	1,900	55.0	104,500	224,700
Clarion	200	45.0	9,000	19,400
Indiana	600	49.0	29,400	63,200
Jefferson	500	47.0	23,500	50,500
Lawrence	900	50.0	45,000	96,800
WEST CENTRAL, TOTAL	6,500	50.2	326,600	702,200
Blair	1,000	41.0	41,000	88,200
Cambria	700	43.0	30,100	64,700
Centre	250	48.0	12,000	25,800
Clearfield	450	45.0	20,250	43,500
Columbia	1,500	40.0	60,000	129,000
Dauphin	6,200	41.0	254,200	546,500
Huntingdon	800	48.0	38,400	82,600
Juniata	1,900	49.0	93,100	200,200
Mifflin	800	38.0	30,400	65,400
Montour	500	42.0	21,000	45,100
Northumberland	2,900	42.0	121,800	261,900
Perry	2,500	45.0	112,500	241,900
Snyder	900	41.0	36,900	79,300
Union	1,000	49.0	49,000	105,300
CENTRAL, TOTAL	21,400	43.0	920,650	1,979,400
Carbon	200	40.0	8,000	17,200
Lehigh	2,100	41.4	87,000	187,100
Luzerne	200	38.0	7,600	16,300
Monroe	-	-	-	-
Northampton	2,400	45.0	108,000	232,200
Pike	-	-	-	-
Schuylkill	2,000	40.0	80,000	172,000
EAST CENTRAL, TOTAL	6,900	42.1	290,600	624,800
Allegheny	350	41.0	14,350	30,900
Fayette	800	52.0	41,600	89,400
Greene	100	41.0	4,100	8,800
Somerset	1,100	51.0	56,100	120,600
Washington	1,050	47.0	49,350	106,100
Westmoreland	2,300	48.0	110,400	237,400
SOUTHWESTERN, TOTAL	5,700	48.4	275,900	593,200
Adams	6,900	48.0	331,200	712,100
Bedford	2,400	51.0	122,400	263,200
Cumberland	7,300	51.0	372,300	800,500
Franklin	6,800	51.0	346,800	745,600
Fulton	1,800	41.0	73,800	158,700
York	12,600	47.0	592,200	1,273,200
SOUTH CENTRAL, TOTAL	37,800	48.6	1,838,700	3,953,300
Berks	7,500	49.0	367,500	790,100
Bucks	6,400	46.0	294,400	633,000
Chester	3,700	49.0	181,300	389,800
Delaware	200	50.0	10,000	21,500
Lancaster	11,000	47.4	521,850	1,122,000
Lebanon	3,300	48.0	158,400	340,600
Montgomery	2,100	47.0	98,700	212,200
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	34,200	47.7	1,632,150	3,509,200
PENNSYLVANIA	115,000	47.0	5,405,000	11,621,000

*County data included in district totals.

PENNSYLVANIA: OATS - ACREAGE, YIELD, PRODUCTION & VALUE, 1979

County & District	Acreage Harvested	Yield	Production	Value Of Production
	Acres	Bushels	Bushels	Dollars
Crawford	11,300	60.1	679,200	916,900
Erie	14,100	61.1	861,500	1,163,000
Forest	300	65.0	19,500	26,300
Mercer	12,300	57.0	701,100	946,500
Venango	3,000	58.2	174,600	235,700
Warren	2,500	54.0	135,000	182,300
NORTHWESTERN, TOTAL	43,500	59.1	2,570,900	3,470,700
Bradford	6,800	57.0	387,600	523,300
Cameron	100	50.0	5,000	6,800
Clinton	2,700	52.0	140,400	189,500
Elk	1,000	60.0	60,000	81,000
Lycoming	8,000	57.0	456,000	615,600
McKean	600	53.0	31,800	42,900
Potter	6,300	58.0	365,400	493,300
Sullivan	900	51.0	45,900	62,000
Tioga	11,700	57.0	666,900	900,300
NORTH CENTRAL, TOTAL	38,100	56.7	2,159,000	2,914,700
Lackawanna	900	45.0	40,500	54,700
Susquehanna	2,500	48.0	120,000	162,000
Wayne	200	42.0	8,400	11,300
Wyoming	900	46.0	41,400	55,900
NORTHEASTERN, TOTAL	4,500	46.7	210,300	283,900
Armstrong	10,200	54.0	550,800	743,600
Beaver	2,600	58.0	150,800	203,600
Butler	9,000	60.0	540,000	729,000
Clarion	5,900	53.0	312,700	422,100
Indiana	8,800	53.0	466,400	629,600
Jefferson	4,100	52.0	213,200	287,800
Lawrence	5,400	55.0	297,000	401,000
WEST CENTRAL, TOTAL	46,000	55.0	2,530,900	3,416,700
Blair	3,700	57.0	210,900	284,700
Cambria	9,500	58.0	551,000	743,900
Centre	7,500	52.0	390,000	526,500
Clearfield	2,200	50.0	110,000	148,500
Columbia	6,100	58.0	353,800	477,600
Dauphin	3,800	52.0	197,600	266,800
Huntingdon	4,300	56.0	240,800	325,100
Juniata	5,800	53.0	307,400	415,000
Mifflin	3,000	54.0	162,000	218,700
Montour	2,500	56.0	140,000	189,000
Northumberland	10,100	59.0	595,900	804,500
Perry	6,800	52.0	353,600	477,400
Snyder	6,600	53.0	349,800	472,200
Union	4,600	59.0	271,400	366,400
CENTRAL, TOTAL	76,500	55.3	4,234,200	5,716,300
Carbon	2,100	45.0	94,500	127,600
Lehigh	8,200	53.0	434,600	586,700
Luzerne	3,000	47.0	141,000	190,400
Monroe	1,700	47.0	79,900	107,900
Northampton	3,900	54.0	210,600	284,300
Pike	100	55.0	5,500	7,400
Schuylkill	8,000	53.0	424,000	572,400
EAST CENTRAL, TOTAL	27,000	51.5	1,390,100	1,876,700
Allegheny	1,000	52.0	52,000	70,200
Fayette	4,400	48.0	211,200	285,100
Greene	800	43.0	34,400	46,400
Somerset	17,900	53.0	948,700	1,280,800
Washington	6,100	52.0	317,200	428,200
Westmoreland	7,800	53.0	413,400	558,100
SOUTHWESTERN, TOTAL	38,000	52.0	1,976,900	2,668,800
Adams	2,200	45.0	99,000	133,700
Bedford	8,300	53.0	439,900	593,900
Cumberland	4,000	58.0	232,000	313,200
Franklin	7,700	56.0	431,200	582,100
Fulton	3,000	48.0	144,000	194,400
York	6,100	58.0	353,800	477,600
SOUTH CENTRAL, TOTAL	31,300	54.3	1,699,900	2,294,900
Berks	13,000	54.0	702,000	947,700
Bucks	2,900	50.0	145,000	195,800
Chester	2,500	60.0	150,000	202,500
Delaware	200	55.0	11,000	14,800
Lancaster	3,400	62.0	210,800	284,600
Lebanon	5,800	55.0	319,000	430,700
Montgomery	2,300	50.0	115,000	155,200
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	30,100	54.9	1,652,800	2,231,300
PENNSYLVANIA	335,000	55.0	18,425,000	24,874,000

POTATO SUMMARY — 1979

By James P. Liles

RECORD LOW POTATO ACREAGE: Pennsylvania potato acreage continued its declining trend in planted and harvested acreage. The significant factor for 1979 was a 1,000 acre drop in harvested acres to a record low of 24,000 acres. This broke the record low of 25,000 acres set last year. Planted acres followed the same declining trend with a decrease to 25,000 planted acres, compared to 26,000 planted acres last year. Potato production totaled 6,000,000 cwt. in 1979, 4 percent below 1978. However, yield per acre remained unchanged at 250 cwt.

As of October 1, sixty-two percent of the reporters rated moisture conditions wet and seventy-seven percent rated tuber size as average. The average date reported for the beginning of harvest was September 10. By November 1, sixty-three percent of the reporters indicated tuber size as average and twenty-five percent rated it large. Approximately one-half of the harvest was completed by October 4, 1979 and 94 percent was completed by November 1, 1979.

The season average price for the 1979 crop is estimated at $4.85 per cwt., the same as received for the 1978 crop. This places the value of the crop at $29,100,000 compared to $30,313,000 a year earlier.

POTATO STOCKS START LOW: Potatoes held in storage by growers, local dealers and processors in Pennsylvania during the 1979 storage season began significantly lower than the previous year. Stocks showed the following relationship to the corresponding month a year earlier: December 1, down 18 percent; January 1, down 15 percent; February 1, down 24 percent; March 1, down 25 percent; April 1, down 23 percent.

PENNSYLVANIA POTATO VARIETIES: Again this year four varieties accounted for most of the Commonwealth's 24,000 harvested acres of potatoes. Katahdin led the varieties with 8,000 acres or 30 percent; Norchip was second with 6,800 acres or 29 percent; Kennebec was third at 4,100 acres or 17 percent with Superior fourth at 2,900 acres or 12 percent and all other varieties totaling the remaining 3,000 acres.

PENNSYLVANIA: ACREAGE, YIELD, PRODUCTION, AND VALUE OF POTATOES, 1960-1979

Year	Planted Acreage	Harvested Acreage	Yield Per Acre	Production	Season Average Price	Value Of Production	Value Of Sales
	Acres		Cwt.			Dollars	
1960	41,000	40,000	192	7,680,000	2.34	17,971,000	15,575,000
1965	38,000	38,000	198	7,524,000	2.87	21,594,000	19,447,000
1967	39,000	38,000	240	9,120,000	2.23	20,338,000	17,280,000
1968	37,000	37,000	205	7,585,000	2.60	19,721,000	17,836,000
1970	35,000	34,500	240	8,280,000	2.65	21,942,000	19,528,000
1971	36,500	35,500	220	7,810,000	2.72	21,243,000	17,797,000
1972	34,000	30,000	170	5,100,000	4.20	21,420,000	19,694,000
1973	31,000	30,000	210	6,300,000	6.15	38,745,000	35,590,000
1974	33,000	32,000	230	7,360,000	3.90	28,704,000	24,122,000
1975	31,000	29,000	235	6,815,000	5.75	39,186,000	35,104,000
1976	29,000	28,000	255	7,140,000	5.00	35,700,000	32,345,000
1977	28,000	25,500	250	6,375,000	4.70	29,963,000	26,226,000
1978	26,000	25,000	250	6,250,000	4.85	30,313,000	27,466,000
1979	25,000	24,000	250	6,000,000	1/ 4.85	29,100,000	-

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PENNSYLVANIA: POTATO PRODUCTION AND STOCKS DURING MARKETING MONTHS, CROPS OF 1960-1979

Crop Year	Production	December 1	Following Year			
			January 1	February 1	March 1	April 1
			1,000 Cwt.			
1960	7,680	4,750	3,650	2,600	1,600	-
1965	7,524	4,500	3,400	2,350	1,500	-
1967	9,120	5,400	4,500	3,450	2,200	-
1968	7,585	4,550	3,550	2,500	1,600	-
1970	8,280	4,650	3,900	2,750	1,800	-
1971	7,810	4,200	3,300	2,400	1,500	-
1972	5,100	2,900	2,100	1,450	850	450
1973	6,300	3,300	2,450	1,600	1,050	500
1974	7,360	4,150	3,300	2,365	1,568	767
1975	6,815	3,660	2,780	1,870	1,300	650
1976	7,140	4,750	3,900	2,900	1,900	1,150
1977	6,375	4,650	3,500	2,550	1,600	1,000
1978	6,250	4,500	3,750	2,950	2,200	1,550
1979	6,000	3,700	3,000	2,250	1,650	1,200

PENNSYLVANIA: HARVESTED ACREAGE, YIELD AND PRODUCTION OF POTATOES BY VARIETIES, 1979

Variety	Harvested Acreage	Average Yield Per Acre	Production
	Acres	Cwt.	Cwt.
Katahdin	7,200	270	1,944,000
Norchip	6,800	230	1,564,000
Kennebec	4,100	245	1,004,500
Superior	2,900	235	681,500
Other	3,000	269	806,000
TOTAL	24,000	250	6,000,000

PENNSYLVANIA: POTATO ACREAGE, YIELD, PRODUCTION AND VALUE, 1979

County & District	Acreage Harvested	Yield	Production	Value Of Production
	Acres	Cwt.	Cwt. (000)	Dollars
Crawford	390	240	93,600	453,960
Erie	2,720	240	652,800	3,166,080
Forest	-	-	-	-
Mercer	180	250	45,000	218,250
Venango	70	250	17,500	84,875
Warren	240	250	60,000	291,000
NORTHWESTERN, TOTAL	3,600	241	868,900	4,214,165
Bradford	90	230	20,700	100,395
Cameron	-	-	-	-
Clinton	70	300	21,000	101,850
Elk	-	-	-	-
Lycoming	180	270	48,600	235,710
McKean	-	-	-	-
Potter	1,400	240	336,000	1,629,600
Sullivan	80	250	20,000	97,000
Tioga	230	235	54,050	262,145
NORTH CENTRAL, TOTAL	2,050	244	500,350	2,426,700
Lackawanna	25	270	6,750	32,740
Susquehanna	15	230	3,450	16,730
Wayne	15	260	3,900	18,915
Wyoming	15	220	3,300	16,005
NORTHEASTERN, TOTAL	70	249	17,400	84,390
Armstrong	70	245	17,150	83,175
Beaver	10	210	2,100	10,185
Butler	620	250	155,000	751,750
Clarion	250	210	52,500	254,625
Indiana	510	230	117,300	568,905
Jefferson	40	220	8,800	42,680
Lawrence	-	-	-	-
WEST CENTRAL, TOTAL	1,500	235	352,850	1,711,320
Blair	20	270	5,400	26,190
Cambria	2,210	250	552,500	2,679,625
Centre	160	235	37,600	182,360
Clearfield	130	240	31,200	151,320
Columbia	600	300	180,000	873,000
Dauphin	140	245	34,300	166,355
Huntingdon	60	230	13,800	66,930
Juniata	30	180	5,400	26,190
Mifflin	20	220	4,400	21,340
Montour	30	230	6,900	33,465
Northumberland	370	225	83,250	403,765
Perry	60	240	14,400	69,840
Snyder	60	210	12,600	61,110
Union	60	235	14,100	68,385
CENTRAL, TOTAL	3,950	252	995,850	4,829,875
Carbon	180	240	43,200	209,520
Lehigh	2,180	260	566,800	2,748,980
Luzerne	490	250	122,500	594,125
Monroe	400	260	104,000	504,400
Northampton	790	290	229,100	1,111,135
Pike	-	-	-	-
Schuylkill	1,480	280	414,400	2,009,840
EAST CENTRAL, TOTAL	5,520	268	1,480,000	7,178,000
Allegheny	70	240	16,800	81,480
Fayette	30	225	6,750	32,735
Greene	70	220	15,400	74,690
Somerset	1,150	230	264,500	1,282,825
Washington	70	225	15,750	76,390
Westmoreland	70	225	15,750	76,390
SOUTHWESTERN, TOTAL	1,460	229	334,950	1,624,510
Adams	120	260	31,200	151,320
Bedford	50	210	10,500	50,925
Cumberland	100	230	23,000	111,550
Franklin	120	250	30,000	145,500
Fulton	10	205	2,050	9,940
York	2,750	230	632,500	3,067,625
SOUTH CENTRAL, TOTAL	3,150	232	729,250	3,536,860
Berks	180	250	45,000	218,250
Bucks	220	270	59,400	288,090
Chester	750	250	187,500	909,375
Delaware	10	240	2,400	11,640
Lancaster	1,420	280	397,600	1,928,360
Lebanon	70	240	16,800	81,480
Montgomery	50	235	11,750	56,985
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	2,700	267	720,450	3,494,180
PENNSYLVANIA	24,000	250	6,000,000	29,100,000

TOBACCO PRODUCTION

PENNSYLVANIA: TOBACCO ACREAGE, YIELD, PRODUCTION AND VALUE, 1979

County	Acreage	Yield	Production	Value Of Production
	Acres	Pounds	Pounds	Dollars
Dauphin	30	1,600	48,000	34,600
Snyder	70	1,580	110,600	79,600
York	70	1,610	112,700	81,100
Berks	230	1,620	372,600	268,300
Chester	240	1,560	374,400	269,600
Lancaster	9,980	1,580	15,769,000	11,353,700
Lebanon	540	1,565	845,300	608,600
Other Counties	40	1,585	63,400	45,600
PENNSYLVANIA	11,200	1,580	17,696,000	12,741,100

PENNSYLVANIA: TOBACCO ACREAGE, YIELD, PRODUCTION AND VALUE, 1960-1979

Year	Acreage	Yield	Production	Value Of Production
	Acres	Pounds	1,000 Lbs.	1,000 Dols.
1960	31,000	1,700	52,700	14,756
1962	30,000	2,000	60,000	14,100
1963	28,000	1,850	51,800	10,878
1964	27,000	1,700	45,900	12,393
1965	27,000	1,900	51,300	12,312
1966	21,000	1,725	36,225	9,056
1967	21,000	1,825	38,325	10,731
1968	21,000	1,775	37,275	11,183
1969	20,000	1,825	36,500	10,950
1970	17,000	1,800	30,600	9,486
1971	15,200	1,610	24,472	8,810
1972	13,000	1,400	18,200	8,372
1973	13,000	1,700	22,100	11,492
1974	13,000	2,000	26,000	15,080
1975	12,000	1,650	19,800	11,484
1976	13,500	1,750	23,625	14,175
1977	13,500	1,940	26,190	15,714
1978	13,000	1,940	25,220	15,636
1979	11,200	1,580	17,696	12,741

PENNSYLVANIA: TOBACCO PRODUCTION, STOCKS, SUPPLY, DISAPPEARANCE AND PRICE, 1960-1979 1/

Marketing Year	Carry-Over			Production	Total Supply	Disappearance	Average Price
	Manufacturer	Other	Total				
				Million Pounds			Cents
1960	96.2	13.5	109.7	52.7	162.4	47.5	28.0
1962	105.3	17.6	122.9	60.0	182.9	55.0	23.5
1963	109.7	18.3	128.0	51.8	179.8	41.6	21.0
1964	119.1	19.0	138.1	45.9	184.0	54.6	27.0
1965	112.3	17.1	129.4	51.3	180.7	53.0	24.0
1966	105.5	22.2	127.7	36.2	163.9	51.7	25.0
1967	86.5	25.8	112.3	38.3	150.6	41.9	28.0
1968	87.3	21.4	108.7	37.3	146.0	40.9	30.0
1969	79.3	25.8	105.1	36.5	141.6	44.3	30.0
1970	70.5	26.8	97.3	30.6	127.9	40.9	31.0
1971	59.4	27.6	87.0	24.5	111.5	41.3	36.0
1972	53.8	16.4	70.2	18.2	88.4	34.7	46.0
1973	42.9	10.8	53.7	22.1	75.8	28.3	52.0
1974	39.0	8.5	47.5	26.0	73.5	24.3	58.0
1975	38.4	10.8	49.2	19.8	69.0	22.2	58.0
1976	35.8	11.0	46.8	23.6	70.4	20.7	60.0
1977	36.5	13.2	49.7	26.2	75.9	21.8	60.0
1978	2/	2/	54.1	25.2	79.3	23.6	62.0
1979	2/	2/	55.7	17.7	73.4	-	72.0

1/ Source: U.S. Department of Agriculture, Agricultural Marketing Service.
2/ Not available after 1977.

PENNSYLVANIA: SUMMARY - PRINCIPAL CROPS, HARVESTED BY COUNTIES, 1979

County & District	Field & Forage Crops		Veg. Crops (Fresh & Proc.)		Fruit	Value Of Production Field Crops Vegs. & Fruits
	Acres Harvested	Value Of Production	Acres Harvested	Value Of Production	Value Of Production	
	Acres	Thous. Dols.	Acres	Thous. Dols.	Thous. Dols.	Thous. Dols.
Crawford	90,200	15,195	678	613	101	15,909
Erie	84,700	13,315	4,053	4,519	13,842	31,676
Forest	1,900	246	5	1	-	247
Mercer	91,700	16,017	531	479	195	16,691
Venango	23,100	3,403	115	99	94	3,596
Warren	31,000	3,735	292	322	-	4,057
NORTHWESTERN, TOTAL	322,600	51,911	5,674	6,033	14,232	72,176
Bradford	149,800	20,527	198	196	126	20,849
Cameron	700	90	1	-	-	90
Clinton	26,400	3,916	690	421	26	4,363
Elk	5,000	604	42	25	6	635
Lycoming	71,200	12,283	776	560	402	13,245
McKean	13,000	1,378	69	37	3	1,418
Potter	26,100	2,954	1,419	1,642	3	4,599
Sullivan	15,000	1,681	81	97	-	1,778
Tioga	107,400	13,869	272	304	31	14,204
NORTH CENTRAL, TOTAL	414,600	57,302	3,547	3,282	597	61,181
Lackawanna	31,700	3,383	756	766	148	4,297
Susquehanna	82,100	10,988	43	27	61	11,076
Wayne	52,500	6,777	72	41	24	6,842
Wyoming	31,700	4,438	186	144	150	4,732
NORTHEASTERN, TOTAL	198,000	25,586	1,057	978	383	26,947
Armstrong	71,800	9,974	237	194	125	10,293
Beaver	29,200	4,584	164	68	144	4,796
Butler	86,400	14,148	1,187	1,142	47	15,337
Clarion	44,600	6,479	367	335	123	6,937
Indiana	72,800	9,770	925	1,093	210	11,073
Jefferson	38,600	5,907	107	82	29	6,018
Lawrence	52,900	9,520	224	111	100	9,731
WEST CENTRAL, TOTAL	396,300	60,382	3,211	3,025	778	64,185
Blair	36,900	7,364	303	374	987	8,725
Cambria	47,600	6,356	2,361	2,789	40	9,185
Centre	86,900	16,639	740	299	396	17,334
Clearfield	27,500	3,898	287	187	119	4,204
Columbia	70,100	12,340	3,146	2,740	446	15,526
Dauphin	71,200	11,994	719	638	549	13,181
Huntingdon	52,200	10,042	151	123	67	10,232
Juniata	57,000	9,711	138	217	984	10,912
Mifflin	44,700	8,822	80	76	140	9,038
Montour	26,600	4,673	122	63	65	4,801
Northumberland	78,000	14,006	1,895	1,483	560	16,049
Perry	59,100	9,762	128	115	146	10,023
Snyder	67,400	11,746	406	448	1,254	13,448
Union	48,000	9,260	238	335	104	9,699
CENTRAL, TOTAL	773,200	136,613	10,714	9,887	5,857	152,357
Carbon	10,500	1,677	312	244	85	2,006
Lehigh	89,400	17,937	2,707	3,316	3,386	24,639
Luzerne	31,500	4,621	1,807	1,509	305	6,435
Monroe	14,500	1,975	457	530	131	2,636
Northampton	84,700	18,597	1,126	1,366	901	20,864
Pike	1,900	333	87	55	11	399
Schuylkill	49,100	7,939	2,716	3,125	684	11,748
EAST CENTRAL, TOTAL	281,600	53,079	9,212	10,145	5,503	68,727
Allegheny	14,100	1,863	631	551	558	2,972
Fayette	73,500	11,167	272	186	10	11,363
Greene	62,500	7,463	145	121	10	7,594
Somerset	131,100	18,265	1,674	1,460	70	19,795
Washington	97,000	12,715	461	463	255	13,433
Westmoreland	86,700	12,739	520	311	101	13,151
SOUTHWESTERN, TOTAL	464,900	64,212	3,703	3,092	1,004	68,308
Adams	93,200	18,155	1,270	968	26,967	46,090
Bedford	87,600	15,642	177	115	1,173	16,930
Cumberland	122,900	23,489	526	353	1,552	25,394
Franklin	167,000	34,609	612	556	9,696	44,861
Fulton	41,400	5,938	27	22	72	6,032
York	197,800	38,838	7,361	4,754	3,467	47,059
SOUTH CENTRAL, TOTAL	709,900	136,671	9,973	6,768	42,927	186,366
Berks	216,400	44,362	835	628	2,861	47,851
Bucks	72,800	14,015	2,264	2,100	905	17,020
Chester	130,200	29,511	1,233	1,322	1,018	31,851
Delaware	5,600	1,404	262	157	176	1,737
Lancaster	323,000	91,705	3,226	3,867	1,707	97,279
Lebanon	78,100	17,223	575	462	289	17,974
Montgomery	49,000	10,293	464	317	382	10,992
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	875,100	208,513	8,859	8,853	7,338	224,704
PENNSYLVANIA	4,436,200	794,269	55,950	52,063	78,619	924,951

DATES OF FIRST AND LAST FROST, SELECTED PENNSYLVANIA STATIONS, 1978 AND NORMAL

Area + Station	County	Last Spring Minimum Of 32 Degrees F.			First Fall Minimum Of 32 Degrees F.		
		1978		Normal	1978		Normal
		Date	Low Temp. Deg. F.	Date	Date	Low Temp. Deg. F.	Date
Pocono Mountains:							
Stroudsburg	Monroe	May 4	29	May 9	Sept. 29	30	Sept. 29
East Central Mountains:							
Palmerton	Carbon	May 4	32	May 5	Oct. 18	29	Oct. 9
South East Piedmont:							
Lancaster	Lancaster	May 1	28	May 3	Oct. 18	29	Oct. 10
Lower Susquehanna:							
Gettysburg	Adams	May 1	32	Apr. 21	Oct. 9	31	Oct. 18
York	York	May 1	25	Apr. 30	Sept. 29	32	Oct. 9
Middle Susquehanna:							
Williamsport	Lycoming	May 1	30	May 2	Oct. 18	30	Oct. 11
Upper Susquehanna:							
Montrose	Susquehanna	May 4	28	May 15	Sept. 26	32	Oct. 3
Wellsboro	Tioga	May 5	26	May 22	Sept. 26	32	Sept. 25
Central Mountains:							
Ridgway	Elk	May 12	31	May 26	Sept. 29	30	Sept. 24
State College	Centre	May 1	29	Apr. 27	Oct. 18	30	Oct. 12
South Central Mountains:							
Altoona	Blair	May 2	31	May 8	Oct. 15	32	Oct. 8
Ebensburg	Cambria	June 14	31	May 15	Sept. 26	31	Oct. 3
South West Plateau:							
Butler	Butler	May 11	31	May 18	Sept. 29	31	Oct. 2
Donora	Washington	May 2	28	Apr. 21	Oct. 18	31	Oct. 28
Uniontown	Fayette	May 4	30	Apr. 29	Oct. 9	29	Oct. 15
North West Plateau:							
Brookville	Jefferson	May 11	32	May 25	Sept. 29	30	Sept. 23
Corry	Erie	May 11	31	May 24	Sept. 29	31	Sept. 25
Franklin	Venango	May 4	29	May 13	Oct. 17	32	Oct. 6

PENNSYLVANIA - FIELDWORK AND CROP DEVELOPMENT, SELECTED DATES 1976-1979
Data As Reported - Pennsylvania Weekly Crop and Weather Survey State Average

Date	Oats % Planted				Barley % In Boot				Wheat % In Boot			
	1976	1977	1978	1979	1976	1977	1978	1979	1976	1977	1978	1979
April 10	--	8	--	--	--	--	--	--	--	--	--	--
15	--	22	7	9	--	--	--	--	--	--	--	--
20	56	42	23	20	3	--	--	--	--	--	--	--
25	74	59	40	40	7	2	--	--	--	--	--	--
30	85	73	58	60	17	7	1	8	--	2	--	--
May 5	90	80	75	77	23	12	3	19	18	10	--	14
10	93	87	84	88	28	25	6	25	38	23	3	27
15	96	93	88	94	35	37	14	29	48	36	10	41
20	98	97	88	--	28	24	26	30	48	45	22	52
25	--	--	92	--	13	17	34	26	40	43	32	50
30	--	--	95	--	--	13	31	22	--	--	35	35

Date	Spring Plowing % Complete				Potato Planting % Complete				Corn Planting % Complete			
	1976	1977	1978	1979	1976	1977	1978	1979	1976	1977	1978	1979
April 15	--	29	16	18	--	7	3	6	--	--	1	--
20	67	49	28	27	27	18	7	10	--	3	3	--
25	77	63	42	42	42	29	16	20	10	5	5	3
30	81	68	58	58	45	39	30	33	18	7	7	7
May 5	86	77	70	70	55	43	44	44	23	11	16	13
10	90	83	77	82	67	54	55	60	34	25	24	34
15	93	87	80	89	78	69	62	70	53	44	31	52
20	95	91	83	93	80	79	67	78	69	65	32	68
25	97	94	86	95	83	89	71	83	78	79	45	76
30	98	--	91	--	89	--	80	88	85	89	62	80
June 5	--	--	--	--	--	--	--	--	95	95	82	84

Date	Oats % In Head				Barley % Turning Yellow				Corn Average Height - Inches			
	1976	1977	1978	1979	1976	1977	1978	1979	1976	1977	1978	1979
June 11	16	20	5	10	28	38	6	20	5	7	4	5
15	33	37	8	18	40	58	24	40	7	9	6	9
20	51	53	15	34	58	63	42	49	10	11	8	11
25	67	66	28	52	52	50	55	50	15	14	11	14
30	77	73	53	69	39	29	50	41	21	19	15	16
July 5	75	72	73	74	25	17	38	26	28	28	20	21
10	57	63	78	73	15	12	26	16	38	38	25	26
15	37	51	67	65	10	9	15	10	45	48	32	32
20	20	28	52	44	--	--	11	8	52	57	44	41
25	8	--	33	23	--	--	9	5	59	65	52	51
30	4	--	--	--	--	--	--	--	68	70	--	--

Date	Oats Harvested % Complete				Tobacco Harvested % Complete				Corn % In Silk			
	1976	1977	1978	1979	1976	1977	1978	1979	1976	1977	1978	1979
July 20	9	--	--	--	--	--	--	--	--	--	--	--
25	17	15	3	--	--	--	--	--	--	--	--	--
30	38	25	8	15	--	--	--	--	--	--	--	--
Aug. 5	61	52	30	32	--	--	--	--	--	64	48	57
10	73	72	41	52	8	5	--	--	58	58	56	63
15	86	84	58	66	15	11	--	--	56	50	56	57
20	88	92	77	78	29	19	6	10	38	35	49	45
25	93	96	90	90	36	37	15	23	27	23	32	30
30	97	--	93	92	48	49	24	27	17	14	28	26
Sept 5	--	--	96	95	70	61	35	58	8	5	13	13
10	--	--	--	--	75	75	48	82	--	--	6	5
15	--	--	--	--	78	84	65	89	--	--	--	--
20	--	--	--	--	82	88	79	91	--	--	--	--
25	--	--	--	--	90	90	90	97	--	--	--	--
30	--	--	--	--	95	97	96	--	--	--	--	--
Oct. 5	--	--	--	--	98	--	--	--	--	--	--	--

Date	Fall Plowing % Complete				Potatoes % Harvested				Corn % In Dough			
	1976	1977	1978	1979	1976	1977	1978	1979	1976	1977	1978	1979
Aug. 10	10	8	8	--	11	11	8	18	15	27	17	--
15	14	13	11	7	12	15	12	20	30	40	27	27
20	22	19	13	13	15	17	17	23	47	50	39	40
25	29	27	18	22	20	23	20	29	55	54	52	50
30	35	31	26	28	25	28	21	32	58	53	56	54
Sept 5	42	36	36	38	30	37	27	40	53	43	53	53
10	51	46	44	50	39	54	36	48	43	31	45	44
15	56	61	48	61	47	59	43	56	30	23	33	37
20	62	68	54	67	56	63	48	67	20	16	27	27
25	70	71	62	72	68	64	58	75	--	--	--	--
30	70	73	73	77	69	65	72	78	--	--	--	--
Oct. 5	71	79	77	82	74	71	75	80	--	--	--	--
10	74	86	84	85	81	77	80	83	--	--	--	--
15	83	91	--	88	--	83	--	86	--	--	--	--

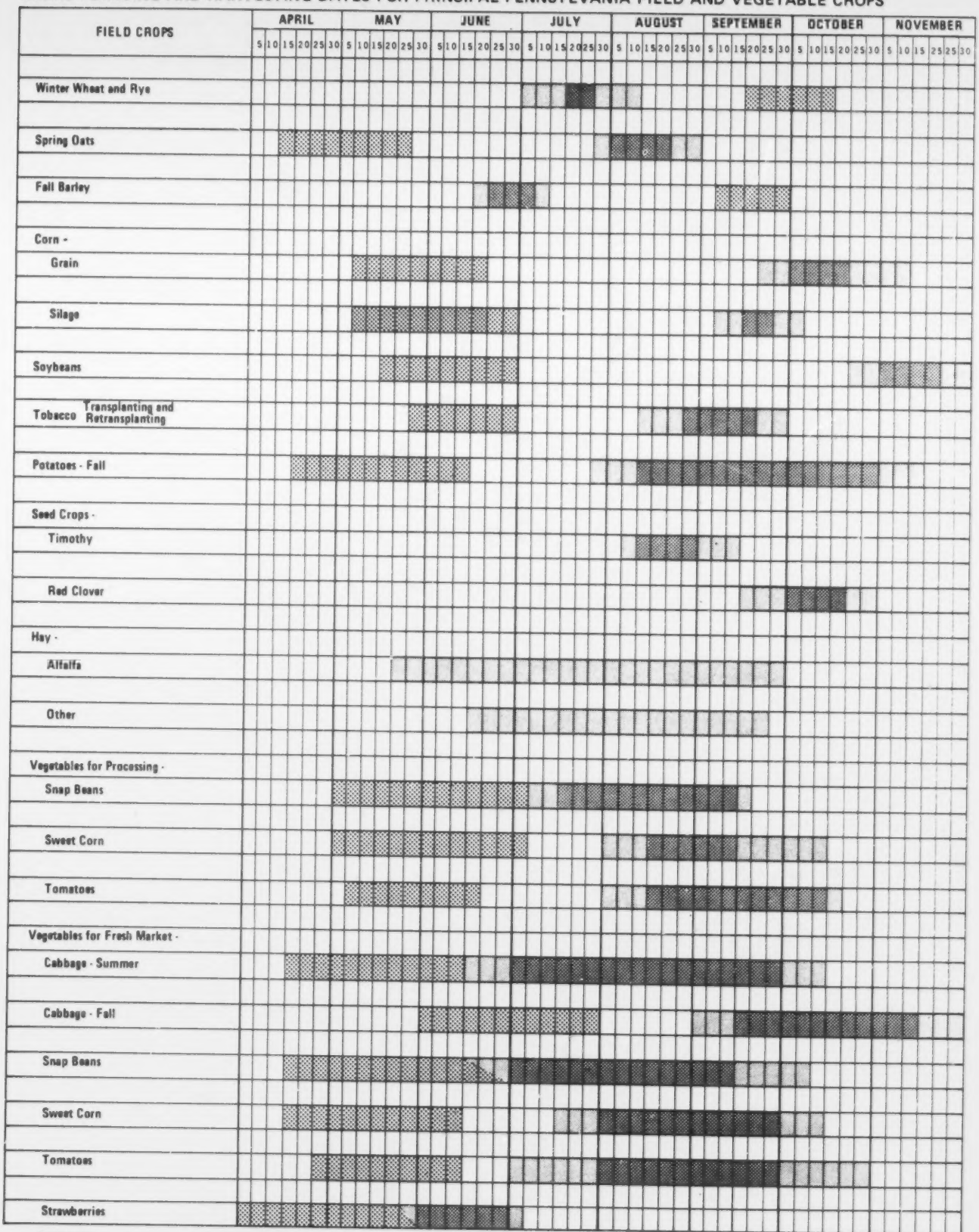
Date	Wheat % Planted				Barley % Planted				Corn Mature - % Not Yet Harvested			
	1976	1977	1978	1979	1976	1977	1978	1979	1976	1977	1978	1979
May 30	--	--	--	--	22	--	--	--	1	1	--	--
Sept 5	--	2	5	3	29	3	10	5	3	3	2	2
10	32	4	8	5	32	5	18	7	8	5	4	3
15	33	11	13	9	37	17	24	13	10	17	8	5
20	37	19	28	15	45	32	40	32	14	26	12	12
25	46	29	41	29	57	55	58	51	20	34	20	18
30	49	41	48	47	72	61	73	71	32	41	32	27
Oct. 5	56	53	63	57	81	75	85	82	42	58	40	42
10	63	67	74	71	85	87	92	89	50	67	54	55
15	--	78	--	81	--	93	--	--	57	68	--	64

PENNSYLVANIA: TEMPERATURE, PRECIPITATION AND SNOWFALL, NOVEMBER 1978 - OCTOBER 1979, BY NATIONAL WEATHER SERVICE

Division	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
POCONO MOUNTAINS												
Av. Temp.--Degrees	39.7	28.5	23.4	15.9	38.6	46.3	57.8	63.1	69.1	68.1	60.4	49.1
Depart. From Normal	.1	.9	-.9	-9.7	4.4	-.3	1.0	-2.4	-.7	.3	-.5	-1.9
Precip. - Inches	1.91	3.64	8.79	3.17	2.56	4.40	6.33	2.39	3.00	3.64	7.56	4.77
Depart. From Normal	-1.92	.29	6.10	.65	-.71	.62	2.23	-1.27	-1.52	-.47	4.05	1.51
Snowfall - Inches	4.7	10.2	12.2	12.5	.7	2.8	.0	.0	.0	.0	.0	.1
EAST CENTRAL MOUNTAINS												
Av. Temp.--Degrees	42.8	31.7	25.8	18.2	40.5	47.5	59.6	65.0	70.5	69.6	62.6	50.7
Depart. From Normal	1.2	1.5	-1.5	-10.5	3.2	-1.6	.5	-3.1	-1.9	-.3	-.8	-2.3
Precip. - Inches	2.14	3.67	9.19	3.61	2.33	3.85	6.14	2.18	4.42	3.46	6.97	5.59
Depart. From Normal	-1.78	.13	6.31	.96	-1.26	.05	1.99	-1.23	-.42	-.71	3.21	2.44
Snowfall - Inches	3.2	.9	8.1	19.4	.1	T	.0	.0	.0	.0	.0	.3
SOUTHEAST PIEDMONT												
Av. Temp.--Degrees	45.8	36.4	29.3	21.9	44.3	50.2	62.7	67.7	73.4	73.0	65.7	53.2
Depart. From Normal	1.1	2.9	-1.5	-10.4	3.7	-1.7	.8	-3.2	-1.9	-.3	-.9	-2.9
Precip. - Inches	2.18	5.19	9.61	5.37	2.14	3.78	5.17	3.31	4.56	4.15	7.63	5.13
Depart. From Normal	-1.47	1.75	6.75	2.74	-1.52	.33	1.38	-.25	.16	.13	4.28	2.32
Snowfall - Inches	3.2	.1	9.7	25.8	T	T	.0	.0	.0	.0	.0	.5
LOWER SUSQUEHANNA												
Av. Temp.--Degrees	44.2	35.0	27.4	21.2	43.3	49.7	61.0	67.3	72.1	71.8	64.5	52.3
Depart. From Normal	.7	2.6	-2.7	10.6	3.0	-2.2	-.9	-3.3	-2.7	-1.3	-1.5	-3.0
Precip. - Inches	2.20	3.80	7.67	4.34	2.34	3.42	4.22	3.32	3.53	4.18	7.17	5.25
Depart. From Normal	-1.14	.68	5.01	1.9	-1.22	.03	.32	-.28	-.18	.55	4.17	2.41
Snowfall - Inches	3.4	.3	10.5	22.9	T	T	.0	.0	.0	.0	.0	.3
MIDDLE SUSQUEHANNA												
Av. Temp.--Degrees	42.1	31.5	25.5	19.0	41.0	48.1	59.7	65.9	71.1	70.0	62.1	51.1
Depart. From Normal	.6	1.4	-1.8	-9.8	3.5	-1.4	.1	-2.5	-1.5	-.7	-1.7	-2.0
Precip. - Inches	1.75	3.64	6.76	3.12	2.98	2.94	4.89	2.20	3.84	5.36	6.08	4.14
Depart. From Normal	-1.79	.69	4.27	.88	-.33	-.51	.75	-1.29	.02	1.63	3.00	1.04
Snowfall - Inches	3.5	2.4	8.1	17.0	T	.3	.0	.0	.0	.0	.0	T
UPPER SUSQUEHANNA												
Av. Temp.--Degrees	38.6	27.3	21.9	14.4	37.4	43.8	56.3	62.0	67.6	64.5	58.3	48.1
Depart. From Normal	.1	.7	-1.5	-9.7	4.8	-1.4	.8	-2.6	-1.2	-2.4	-1.7	-2.0
Precip. - Inches	1.47	3.42	5.95	2.32	2.37	2.22	4.32	2.79	3.15	3.79	4.79	4.09
Depart. From Normal	-1.76	.83	3.75	.22	-.53	-1.09	.28	-.44	-.74	.25	1.70	1.12
Snowfall - Inches	3.2	14.7	14.2	13.8	.9	3.1	.0	.0	.0	.0	.0	.1
CENTRAL MOUNTAINS												
Av. Temp.--Degrees	39.7	28.7	20.9	15.2	37.9	45.2	55.7	62.9	68.2	67.5	60.4	49.7
Depart. From Normal	1.0	1.4	-3.7	-10.4	3.8	-1.4	-1.2	-2.5	-1.0	.1	-.1	-.7
Precip. - Inches	1.57	3.98	4.94	2.43	3.06	3.25	3.76	2.47	4.48	4.96	4.92	3.83
Depart. From Normal	-1.71	1.22	2.36	.09	-.44	-.38	-.44	-1.14	.37	1.28	1.91	.91
Snowfall - Inches	1.7	12.3	12.1	22.6	1.0	.1	.0	.0	.0	.0	.0	T
SOUTH CENTRAL MOUNTAINS												
Av. Temp.--Degrees	42.8	32.3	22.8	18.0	40.7	47.9	57.6	65.3	69.2	69.0	62.5	51.4
Depart. From Normal	1.8	2.2	-5.1	-11.2	3.3	-1.5	-1.7	-2.3	-2.0	-.6	-.4	-1.2
Precip. - Inches	2.24	4.06	5.68	3.64	3.19	3.36	4.53	2.29	6.52	4.87	5.14	4.84
Depart. From Normal	-.92	1.18	2.96	1.17	-.54	-.30	.58	-1.49	2.46	1.33	2.37	2.12
Snowfall - Inches	2.5	9.2	17.8	26.1	2.8	.2	.0	.0	.0	.0	.0	T
SOUTHWEST PLATEAU												
Av. Temp.--Degrees	43.1	32.5	22.6	17.5	41.0	47.9	57.2	65.4	68.9	68.7	62.7	50.2
Depart. From Normal	1.5	1.4	-5.9	-12.3	2.9	-2.1	-2.3	-2.6	-2.5	-1.1	-.8	-3.0
Precip. - Inches	1.96	4.97	5.07	3.43	2.02	3.92	5.10	2.06	5.56	5.56	5.02	3.90
Depart. From Normal	-.96	2.18	2.14	.90	-1.64	.16	.98	-1.94	1.28	1.95	2.07	1.09
Snowfall - Inches	1.8	5.0	20.2	21.5	2.1	.8	.0	.0	.0	.0	.0	.1
NORTHWEST PLATEAU												
Av. Temp.--Degrees	39.7	29.0	19.7	14.2	37.6	44.1	55.0	63.4	67.6	66.7	60.3	48.9
Depart. From Normal	.1	.8	-5.3	-11.6	3.3	-2.6	-1.6	-2.3	-1.6	-.9	-1.1	-2.4
Precip. - Inches	1.79	4.60	4.58	2.56	2.82	4.33	3.88	2.63	4.58	5.08	5.01	3.61
Depart. From Normal	-1.78	1.70	1.71	.06	-.49	.44	-.33	-1.38	.33	1.59	1.80	.35
Snowfall - Inches	2.0	27.0	23.3	19.8	4.7	2.2	.0	.0	.0	.0	.0	.6

T = Trace

USUAL PLANTING AND HARVESTING DATES FOR PRINCIPAL PENNSYLVANIA FIELD AND VEGETABLE CROPS



FRUIT REVIEW — 1979

By Eliot F. Dorman

The mid-winter of 1978/79 was bitter cold and Pennsylvania fruit trees suffered some winter freeze damage during dormancy. The winter kill occurred during the first two weeks of February when the entire State experienced many sub-zero days. Peach trees in particular suffered extensive damage. Warm weather in late April opened buds and stimulated vegetative growth. Pollination conditions were generally fair to good in most orchard localities but variable by fruit type and varieties. Weather was generally favorable for good fruit production throughout the growing season as evidenced by production.

Production of the six major Pennsylvania fruit crops (apples, peaches, pears, sweet and tart cherries and grapes) totaled 357,400 tons in 1979. This was 16 percent greater than the 307,150 tons produced in 1978. The large increase in apple production compiled with lesser increases in sweet and tart cherry production more than offset smaller crops of grapes and pears.

GRAPES: Winter kill was above average for the winter of 1978/79. Weather was generally favorable through the growing season and cluster, size, color and sugar content were considered good at harvest. The 1979 crop at 55,500 tons was off 3 percent from the 1978 crop of 57,500 tons. Price per ton at $218.00 was down $14.00 from the 1978 price with value of production at $12,099,000 compared with $13,340,000 in 1978. Pennsylvania ranked fifth nationally in grape production.

APPLES: Pennsylvania apple production in 1979 totaled 505 million pounds or 12,024,000 bushel — 42 pound equivalents. The 1979 crop was 26 percent larger than the 1978 crop of 400 million pounds. The season average price of apples for all uses was $3.82 per bushel, up 8 cents from $3.74 per bushel in 1978. Utilized production was valued at $45,955,000, up 29 percent from the 1978 value of $35,600,000. Pennsylvania was sixth among all states in apple production.

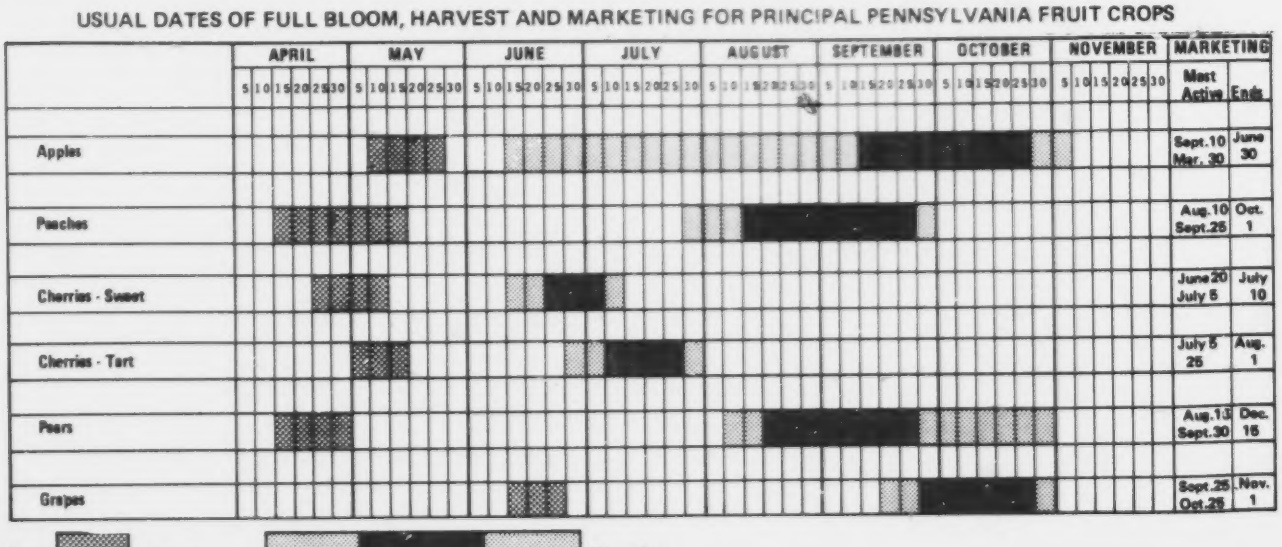
PEARS: Pear production in Pennsylvania during 1979 was 2,800 tons, down 15 percent from last year's crop of 3,300 tons. The season average price of $294.00 per ton compared with $286.00 in 1978. Value of utilized production was $823,000 — down $121,000 from the $944,000 in 1978. Pennsylvania ranked eighth nationally in pear production.

PEACHES: The 1979 Pennsylvania peach crop is estimated at 1,875,000 bushels or 90.0 million pounds. This was 6 percent above the 1978 crop of 1,771,000 bushels or 85.0 million pounds. The 1979 season average price was $7.10 per 48 pound bushel, down $.48 per bushel from 1978. Utilized production was valued at $13,320,000, down 1 percent from the 1978 value of $13,430,000. Pennsylvania ranked fifth in peach production for 1979.

TART CHERRIES: Pennsylvania tart cherry production in 1979 totaled 6.3 million pounds. This was 2 percent more than the 1978 crop of 6.2 million pounds. The 1979 season average price was 49.6 cents per pound — 7.9 cents higher than the 1978 price. Value of the 1979 utilized production was $3,125,000, up $540,000 from the 1978 crop value. Pennsylvania ranked fifth in tart cherry production in 1979.

SWEET CHERRIES: Sweet cherry production in Pennsylvania totaled 950 tons in 1979, up 27 percent from the 750 ton crop produced in 1978. Price per ton in 1979 was $1,122.00 compared with $948.00 in 1978. Value of utilized production for the 1979 crop was $1,066,000, up $355,000 from 1978. Pennsylvania ranked ninth nationally in sweet cherry production.

USUAL DATES OF FULL BLOOM, HARVEST AND MARKETING FOR PRINCIPAL PENNSYLVANIA FRUIT CROPS



GRAPES: UTILIZATION BY VARIETY OF PENNSYLVANIA GROWN GRAPES TO ALL WINERIES AND PROCESSORS, 1977-1979

Year	Concord	Catawba	Delaware	Niagara	Other Native	French Hybrids	Other Varieties	Total
				Tons				
				Wine				
1977	4,383.2	693.1	152.7	239.5	89.2	560.0	7.9	6,125.6
1978	10,605.3	1,523.4	239.4	510.2	179.8	770.6	17.6	13,846.3
1979	6,794.4	1,927.5	172.8	398.3	130.2	976.2	6.0	10,405.4
				Juice + Other				
1977	22,103.3	0.0	0.0	473.0	0.0	(78.0)	0.0	22,654.3
1978	41,507.3	0.0	0.0	790.0	0.0	0.0	0.0	42,297.3
1979	42,569.0	0.0	0.0	1,009.0	0.0	0.0	0.0	43,578.0
				Total				
1977	26,486.5	693.1	152.7	712.5	89.2	638.6	7.9	28,780.5
1978	52,112.6	1,523.4	239.4	1,300.2	179.8	770.6	17.6	56,143.6
1979	49,363.4	1,927.5	172.8	1,407.3	130.2	976.2	6.0	53,983.4

PENNSYLVANIA: GRAPES - PROCESSOR'S UTILIZATION BY VARIETIES, 1978-1979

Variety	Quantity Of Pennsylvania Grown Grapes By Variety Delivered To Wineries And Processing Plants, 1978-1979						Utilization By Variety Of Grapes Used In Pennsylvania Wineries And Processing Plants, 1978-1979					
	Pennsylvania Plants & Wineries		Out-Of-State Plants & Wineries		Total 1/		Wine		Sweet Juice & Other		Total 1/	
	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979
						Tons						
Concord	38,622.6	38,789.4	13,490.0	10,574.0	52,112.6	49,363.4	2,508.9	479.2	57,836.2	64,053.0	60,345.1	64,532.2
Catawba	-2-	-2-	-2-	-2-	1,523.4	1,927.5	1,070.4	1,801.7	0.0	0.0	1,070.4	1,801.7
Delaware	-3-	-3-	-3-	-3-	239.4	172.8	295.5	287.2	0.0	0.0	295.5	287.2
Niagara	-4-	-4-	-4-	-4-	1,300.2	1,407.3	565.6	653.2	2,015.0	1,555.0	2,580.6	2,208.2
Other Native	-5-	-5-	-5-	-5-	179.8	130.2	248.7	182.8	0.0	0.0	248.7	182.8
(2+3+4+5)	2,478.8	2,901.8	764.0	736.0	3,242.8	3,637.8	-	-	-	-	-	-
French Hybrid	696.7	955.0	73.9	21.2	770.6	976.2	847.6	1,649.5	0.0	0.0	847.6	1,649.5
Other	17.6	6.0	0.0	0.0	17.6	6.0	25.6	205.8	0.0	0.0	25.6	205.8
Totals	41,815.7	42,652.2	14,327.9	11,331.2	56,143.6	53,983.4	5,562.3	5,259.4	59,851.2	65,608.0	65,413.5	70,867.4

1/ Excludes small amount of cullage.

PENNSYLVANIA: APPLES - PRODUCTION AND PERCENT OF TOTAL PRODUCTION BY LEADING VARIETIES, 1960-1979

Year	Total Production	York Imperial		Golden Delicious		Stayman		Rome		Red Delicious		Jonathan	
		Production	% Of Total	Production	% Of Total	Production	% Of Total	Production	% Of Total	Production	% Of Total	Production	% Of Total
						Million Pounds							
1960	322.0	17.8	22.3	31.6	9.8	57.0	17.7	41.2	12.8	32.8	10.2	19.3	6.0
1963	373.0	93.3	25.0	37.3	10.0	63.4	17.0	52.2	14.0	41.0	11.0	21.3	5.7
1964	540.0	125.3	23.2	46.4	8.6	99.9	18.5	83.7	15.5	62.1	11.5	32.9	6.1
1965	500.0	118.0	23.6	50.0	10.0	93.0	18.6	67.5	13.5	57.5	11.5	29.5	5.9
1966	351.0	94.8	27.0	44.2	12.6	63.2	18.0	47.4	13.5	32.3	9.2	17.5	5.0
1967	359.0	86.2	24.0	68.6	19.1	54.2	15.1	46.7	13.0	39.8	11.1	15.4	4.3
1968	390.0	116.2	29.8	66.3	17.0	55.4	14.2	47.2	12.1	33.9	8.7	16.4	4.2
1969	535.0	149.8	28.0	96.3	18.0	85.6	16.0	68.5	12.8	54.6	10.2	21.4	4.0
1970	540.0	152.3	28.2	93.3	18.2	85.9	15.9	65.3	12.1	61.0	11.3	21.6	6.0
1971	540.0	131.2	24.3	97.7	18.1	85.3	15.8	63.7	11.8	72.4	13.4	20.0	3.7
1972	400.0	97.6	24.4	74.8	18.7	57.6	14.4	53.6	13.4	57.6	14.4	12.8	3.2
1973	500.0	139.0	27.8	91.5	18.3	73.0	14.6	66.5	13.3	67.5	13.5	17.0	3.4
1974	480.0	115.2	24.0	82.1	17.1	72.0	15.0	55.7	11.6	79.2	16.5	17.3	3.6
1975	550.0	137.5	25.0	96.2	17.5	83.1	15.1	73.7	13.4	82.5	15.0	17.6	3.2
1976	360.0	73.8	20.5	81.0	22.5	50.4	14.0	50.4	14.0	54.0	15.0	14.0	3.9
1977	460.0	114.5	24.9	91.1	19.8	62.6	13.6	61.2	13.3	72.2	15.7	16.6	3.6
1978	400.0	95.5	23.9	82.0	20.5	52.0	13.0	58.0	14.5	54.0	13.5	16.5	4.1
1979	505.0	135.0	26.7	96.0	19.0	68.0	13.5	60.0	11.9	75.0	14.9	18.0	3.6

PENNSYLVANIA: FRUIT CROPS - PRODUCTION, DISPOSITION AND VALUE, 1960-1979

Year	Production		Utilization					Price Per Unit 1/	Value Of Utilized Production
			Processed						
	Total	Utilized	Fresh	Canned	Juice	Other	All Processed		
			Apples (Million Lbs.)					$/Lb.	Thous. Dols.
1960	322.0	322.0	150.4	125.4	2/	46.2	171.6	.039	12,526
1965	500.0	493.4	133.4	290.4	2/	69.6	360.0	.033	16,430
1970	540.0	510.0	195.0	225.1	78.9	11.0	315.0	.038	19,329
1974	480.0	480.0	168.1	222.1	62.7	27.1	311.9	.083	39,840
1975	550.0	503.5	228.2	201.5	62.2	11.5	275.3	.059	29,707
1976	360.0	359.0	151.5	128.5	69.2	9.8	207.5	.083	29,797
1977	460.0	460.0	166.1	186.9	89.9	17.1	293.9	.091	41,860
1978	400.0	400.0	158.9	151.8	70.3	19.0	241.1	.089	35,600
1979	505.0	505.0	-	-	-	-	-	.091	45,955
			Peaches (Million Lbs.)					$/Lb.	
1960	139.2	139.2	115.2	-	-	-	24.0	.045	6,236
1965	110.4	105.1	88.5	-	-	-	16.6	.052	5,413
1970	84.0	84.0	74.0	-	-	-	10.0	.077	6,468
1974	100.0	100.0	86.4	-	-	-	13.6	.118	11,800
1975	90.0	90.0	83.4	-	-	-	6.6	.122	10,980
1976	90.0	90.0	81.8	-	-	-	8.2	.130	11,700
1977	95.0	95.0	88.4	-	-	-	6.6	.129	12,255
1978	85.0	85.0	70.4	-	-	-	14.6	.158	13,430
1979	90.0	90.0	81.3	-	-	-	8.7	.148	13,320
			Pears (Tons)					$/Ton	
1960	2,750	2,750	-	-	-	-	-	102	280
1965	3,300	3,300	-	-	-	-	-	141	465
1970	4,100	4,100	-	-	-	-	-	153	627
1974	4,100	4,100	-	-	-	-	-	235	964
1975	4,500	4,500	-	-	-	-	-	216	972
1976	3,700	3,700	-	-	-	-	-	232	858
1977	4,700	4,700	-	-	-	-	-	252	1,184
1978	3,300	3,300	-	-	-	-	-	286	944
1979	2,800	2,800	-	-	-	-	-	294	823
			Tart Cherries (Million Lbs.)					$/Lb.	
1960	18.0	18.0	-	-	-	-	-	.084	1,512
1965	25.0	24.4	-	-	-	-	-	.056	1,366
1970	14.0	14.0	.5	5.5	-	-	13.5	.078	1,092
1974	13.1	13.1	.9	-	-	-	12.2	.198	2,594
1975	12.6	11.5	1.1	6.8	-	-	10.4	.114	1,311
1976	7.6	7.6	1.0	-	-	-	6.6	.258	1,961
1977	3.2	3.2	.5	-	-	-	2.7	.298	954
1978	6.2	6.2	.8	-	-	-	5.4	.417	2,585
1979	6.3	6.3	.8	-	-	-	5.5	.496	3,125
			Sweet Cherries (Tons)					$/Ton	
1960	500	500	-	-	-	-	-	370	185
1965	1,200	1,180	-	-	-	-	-	306	361
1970	600	600	-	-	-	-	-	500	300
1974	730	730	-	-	-	-	-	700	511
1975	860	860	-	-	-	-	-	730	628
1976	460	460	-	-	-	-	-	792	364
1977	350	350	-	-	-	-	-	836	293
1978	750	750	-	-	-	-	-	948	711
1979	950	950	-	-	-	-	-	1,112	1,066
			Grapes (Tons)					$/Ton	
1960	33,500	33,500	1,940	-	-	-	31,560	119	3,986
1965	49,000	45,000	2,500	-	-	-	42,500	131	5,895
1970	45,000	45,000	1,800	-	36,320	-	43,200	147	6,615
1974	53,000	53,000	1,275	-	42,217	-	51,725	198	10,494
1975	48,000	48,000	1,660	-	39,250	-	46,340	168	8,064
1976	59,000	59,000	1,350	-	46,270	-	57,650	168	9,912
1977	30,000	29,650	1,350	-	23,350	-	28,300	231	6,849
1978	57,500	57,500	1,300	-	42,300	-	56,200	232	13,340
1979	55,500	55,500	1,500	-	43,600	-	54,000	214	12,099

1/ Fresh and processing prices combined. 2/ Juice included in "other".

PENNSYLVANIA: APPLES AND PEACHES - PRODUCTION AND VALUE, 1979

County & District	Apples		Peaches	
	1979		1979	
	Preliminary Production	Value Of Production	Preliminary Production	Value Of Production
	42 Lb. Equivalent	Dollars	48 Lb. Equivalent	Dollars
Crawford	12,200	45,100	-	-
Erie	314,300	1,162,500	28,600	210,200
Forest	-	-	-	-
Mercer	13,100	48,500	6,000	44,100
Venango	25,400	93,900	-	-
Warren	-	-	-	-
NORTHWESTERN, TOTAL	365,000	1,350,000	34,600	254,300
Bradford	28,800	100,700	1,500	11,300
Cameron	-	-	-	-
Clinton	4,500	15,700	-	-
Elk	1,800	6,300	-	-
Lycoming	70,200	245,400	5,500	41,500
McKean	800	2,800	-	-
Potter	800	2,800	-	-
Sullivan	-	-	-	-
Tioga	8,100	28,300	-	-
NORTH CENTRAL, TOTAL	115,000	402,000	7,000	52,800
Lackawanna	35,200	140,800	-	-
Susquehanna	13,600	54,400	-	-
Wayne	5,700	22,800	-	-
Wyoming	36,500	146,000	-	-
NORTHEASTERN, TOTAL	91,000	364,000	1,500	9,000
Armstrong	20,000	88,000	5,300	31,800
Beaver	26,400	116,100	3,500	21,000
Butler	6,500	28,600	-	-
Clarion	12,200	53,600	-	-
Indiana	36,400	160,100	1,800	10,800
Jefferson	2,200	9,700	1,800	10,800
Lawrence	14,300	62,900	3,500	21,000
WEST CENTRAL, TOTAL	118,000	519,000	15,900	95,400
Blair	202,900	771,000	10,500	77,700
Cambria	6,200	23,600	-	-
Centre	94,000	357,200	2,100	15,500
Clearfield	28,500	108,300	-	-
Columbia	50,700	192,700	18,800	139,100
Dauphin	68,100	258,800	20,900	154,700
Huntingdon	8,700	33,100	2,100	15,500
Juniata	142,200	540,300	50,200	371,600
Mifflin	26,000	98,800	2,100	15,500
Montour	9,900	37,600	2,100	15,500
Northumberland	75,500	286,900	12,500	92,500
Perry	19,700	74,900	6,200	45,900
Snyder	232,700	884,200	39,700	293,800
Union	9,900	37,600	6,200	45,900
CENTRAL, TOTAL	975,000	3,705,000	173,400	1,283,200
Carbon	15,500	65,100	2,000	15,000
Lehigh	564,500	2,370,900	122,000	915,000
Luzerne	51,000	214,200	6,000	45,000
Monroe	4,700	19,700	-	-
Northampton	142,600	598,900	32,000	240,000
Pike	2,400	10,100	-	-
Schuylkill	109,300	459,100	14,000	105,000
EAST CENTRAL, TOTAL	890,000	3,738,000	176,000	1,320,000
Allegheny	115,200	483,900	4,300	31,400
Fayette	1,400	5,900	-	-
Greene	2,100	8,800	-	-
Somerset	14,500	60,900	-	-
Washington	53,100	223,000	4,300	31,400
Westmoreland	13,700	57,500	1,500	10,900
SOUTHWESTERN, TOTAL	200,000	840,000	10,100	73,700
Adams	5,456,200	20,351,100	541,800	3,752,000
Bedford	294,400	1,098,100	5,500	38,100
Cumberland	310,400	1,157,800	36,500	252,800
Franklin	1,760,300	6,565,800	415,900	2,880,100
Fulton	3,800	14,200	7,300	50,600
York	464,900	1,734,000	197,000	1,364,200
SOUTH CENTRAL, TOTAL	8,290,000	30,921,000	1,204,000	8,337,800
Berks	477,000	2,003,400	95,700	717,700
Bucks	106,000	445,200	28,500	213,800
Chester	170,800	717,300	22,400	168,000
Delaware	21,300	89,500	10,200	76,500
Lancaster	116,600	489,700	71,300	534,800
Lebanon	36,500	153,300	10,100	75,800
Montgomery	51,800	217,600	14,300	107,200
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	980,000	4,116,000	252,500	1,893,800
PENNSYLVANIA	12,024,000	45,955,000	1,875,000	13,320,000

COMMERCIAL VEGETABLE PRODUCTION — 1979

By J. Neil Woodward

Pennsylvania vegetable growers experienced another variable growing season in 1979. The cool and wet conditions of April and May hindered vegetable growers in planting progress. Most crops were slower than usual in development. Various vegetable growing areas reported frost damage and hail damage. Harvesting of most crops was late. Overall, the 1979 crop was not as good as the previous year.

PRODUCTION: The combined production of principal fresh market and processing vegetables for 1979 is estimated at 166,850 tons, down 8 percent from 1978 and down 25 percent from 1977. Fresh market production as down 6 percent and processing was down 9 percent from the previous year. Snapbean production for fresh market at 33,000 cwt. was down 11 percent while the production for processing decreased 10 percent from 1978. Sweet corn production for fresh market was 8 percent less than the previous year while the production for processing decreased 33 percent. Total production of fresh and processed cabbage combined, decreased 9 percent from 1978. Fresh market tomato production decreased 3 percent while processing tomatoes declined 4 percent. Strawberry production for 1979 was up 18 percent.

YIELD: The fresh market tomato yield of 13,000 pounds per acre was down 1,000 pounds from the previous record yield in 1978. The processing tomato yield of 16.65 tons per acre was 15 percent less than the 1978 yield. The 1979 yield of summer cabbage at 17,500 pounds decreased 13 percent from 1978, and fall cabbage yield at 19,000 pounds decreased 14 percent. Fresh market yield for snapbeans at 5,300 pounds was unchanged from last year while the yield for processing snapbeans decreased from 2.29 to 2.11 tons. Sweet corn yield declined 300 pounds to 4,600 pounds per acre for fresh market and in the processing sector the yield dropped from 3.84 tons to 2.91 tons.

ACREAGE: Total vegetable acreage planted of 33,730 rose 1 percent from a year ago, but acres harvested at 31,950 declined 1 percent. Acres harvested for fresh market totaled 17,320, up slightly from a year ago. Harvested acres for processed vegetables totaled 31,950, about 1 percent less than 1978.

VALUE: The combined value of both fresh market and processing vegetables at $22,929,000 decreased 5 percent from the 1978 value. The fresh market sector received $15,355,000 for the 1979 crop, down 6 percent from 1978. Processing vegetables were valued at $7,574,000 (at the processing plant door), down 4 percent. The prices of all vegetables were up except for cabbage and tomatoes sold on the fresh market, which were down slightly.

PENNSYLVANIA: TOTAL PRINCIPAL VEGETABLES, FRESH AND PROCESSING, 1964-1979

Year	Fresh				Processing				Total			
	Acreage		Production	Value	Acreage		Production	Value	Acreage		Production	Value
	Planted	Harvested			Planted	Harvested			Planted	Harvested		
			Thous. Cwt.	Thous. Dollars			Thous. Tons	Thous. Dollars			Thous. Cwt.	Thous. Dollars
1964	27,200	26,200	1,865	8,453	33,600	32,380	169	6.651	60,800	58,580	5,245	15,104
1965	26,940	26,040	1,859	8,417	35,900	35,020	189	7,530	62,840	61,060	5,639	15,947
1966	25,070	23,420	1,569	9,070	36,440	30,620	137	5,974	61,510	54,040	4,309	15,044
1967	23,530	21,630	1,844	8,986	36,740	34,560	222	10,367	60,270	56,190	6,284	19,353
1968	21,580	20,710	1,700	9,367	44,100	40,850	245	11,110	65,680	61,560	6,600	20,477
1969	20,180	19,380	1,581	8,600	31,040	28,770	190	8,374	51,220	48,150	5,381	16,974
1970	18,830	18,030	1,609	8,497	27,550	26,520	203	8,888	46,380	44,550	5,669	17,385
1971	18,470	17,670	1,614	9,474	27,600	26,700	169	7,753	46,090	44,390	4,994	17,227
1972	18,190	17,390	1,384	10,278	26,660	23,060	105	5,031	44,850	40,450	3,484	15,309
1973	18,120	17,620	1,342	10,643	24,110	23,160	133	6,942	42,230	40,780	4,002	17,585
1974	17,840	17,640	1,440	11,548	23,770	22,280	143	11,300	41,610	39,920	4,300	22,848
1975	17,230	16,670	1,706	13,422	23,440	22,170	147	11,577	40,670	38,840	4,646	24,999
1976	17,880	17,360	1,753	13,983	19,410	18,960	162	11,361	37,290	36,320	4,993	25,344
1977	18,380	16,570	1,529	11,829	18,770	17,770	145	10,210	37,150	34,340	4,429	22,039
1978	17,970	17,260	1,464	16,305	15,340	14,940	108	7,890	33,310	32,200	3,624	24,195
1979	18,330	17,320	1,377	15,355	15,400	14,630	98	7,574	33,730	31,950	3,337	22,929

PENNSYLVANIA: PRINCIPAL VEGETABLES FOR FRESH MARKET, 1975-1979

Crop & Seasonal Group	Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Farm Value 1/	
						Per Cwt.	Total
				Cwt.	Thous. Cwt.	Dollars	Thous. Dollars
Snap Beans (Summer).....	1975	700	690	51	35	18.90	662
	1976	730	710	52	37	19.00	703
	1977	710	700	53	37	18.90	699
	1978	710	700	53	37	23.20	858
	1979	630	620	53	33	23.60	779
Cabbage (Summer).....	1975	1,600	1,600	230	368	4.31	1,586
	1976	1,500	1,500	210	315	4.55	1,432
	1977	1,470	1,470	243	357	5.08	1,814
	1978	1,660	1,560	201	313	7.98	2,498
	1979	2,000	1,800	175	315	6.24	1,966
Cabbage (Fall).....	1975	1,200	1,000	230	230	5.60	1,288
	1976	1,200	1,000	230	230	5.31	1,221
	1977	1,200	1,000	170	170	4.91	835
	1978	1,300	1,100	220	242	6.60	1,597
	1979	1,200	1,100	190	209	6.14	1,283
Sweet Corn (Summer).....	1975	11,400	11,100	80	888	8.30	7,370
	1976	12,200	11,900	77	916	8.50	7,786
	1977	12,600	11,100	60	666	8.02	5,341
	1978	12,000	11,800	49	578	9.11	5,266
	1979	12,300	11,600	46	534	10.50	5,607
Tomatoes (Summer).....	1975	2,500	2,450	105	257	10.30	2,637
	1976	2,300	2,300	120	276	10.60	2,926
	1977	2,400	2,300	130	299	10.50	3,140
	1978	2,300	2,100	140	294	20.70	6,086
	1979	2,200	2,200	130	286	20.00	5,720
Strawberries (Spring).....	1975	1,000	1,000	37	37	51.30	1,898
	1976	1,100	1,100	34	34	53.60	1,983
	1977	1,100	1,100	36	40	60.90	2,436
	1978	960	900	31	28	65.70	1,840
	1979	1,000	1,000	33	33	67.60	2,231

PENNSYLVANIA: PRINCIPAL VEGETABLES FOR PROCESSING, 1975-1979

Crop	Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Value At Processing Plant Door 1/	
						Per Ton	Total
				Tons	Tons	Dollars	Thous. Dollars
Beans, Snap.....	1975	6,700	6,100	1.89	11,500	181.00	2,082
	1976	5,300	5,300	2.27	12,050	145.00	1,747
	1977	5,500	5,000	2.07	10,350	162.00	1,681
	1978	5,000	4,800	2.29	11,000	157.00	1,722
	1979	5,000	4,700	2.11	9,920	167.00	1,657
Sweet Corn.....	1975	6,300	6,000	3.33	20,000	58.60	1,172
	1976	5,200	5,100	3.42	17,450	50.50	882
	1977	5,300	5,000	3.34	16,700	49.40	825
	1978	4,500	4,400	3.84	16,900	42.80	723
	1979	4,100	3,900	2.91	11,350	43.30	491
Tomatoes.....	1975	7,200	7,000	15.44	108,100	67.40	7,286
	1976	6,500	6,200	20.40	126,500	61.00	7,717
	1977	6,000	5,800	19.70	114,250	62.00	7,084
	1978	4,000	3,900	19.51	76,100	64.00	4,870
	1979	4,600	4,400	16.65	73,260	65.80	4,821
Peas, Green 3/.....	1978	1,400	1,400	1.29	1,800	189.00	340
	1979	1,300	1,300	1.54	2,000	220.00	440
Other Processing Vegetables 2/.....	1975	3,240	3,070	-	7,250	-	1,037
	1976	2,410	2,360	-	5,550	-	1,015
	1977	1,970	1,970	-	3,350	-	620
	1978	440	440	-	2,000	-	236
	1979	400	330	-	1,360	-	165

1/ Value of fresh vegetables represents F.O.B. farm value and processing vegetables represents plant door value.
2/ Lima beans, cabbage, cucumbers and peas for processing are included in "Other Processing Vegetables".
3/ No estimates were made for Green Peas prior to 1978.

MUSHROOMS

By J. Neil Woodward

PENNSYLVANIA MUSHROOM PRODUCTION DOWN DESPITE RECORD U.S. CROP: **Pennsylvania,** the leading State in mushroom production, harvested 213.8 million pounds of mushrooms during the 1978-79 season. This is down 3 percent from the 1977-78 production year. This is the first drop in Pennsylvania production since the estimates were started in 1967. The Commonwealth's production accounted for 47 percent of the U.S. production, down from the 55 percent in the previous year. Pennsylvania accounted for 27 percent of the Nation's fresh market sales and 68 percent of the processed sales. This compares to 39 percent and 70 percent last year. Fresh market sales fell by 15 percent to 61.2 million pounds and processed sales rose by 5 percent to 152.6 million pounds for 1978-1979. The value of the Pennsylvania Crop decreased by 6.2 million dollars or 4 percent to 152.9 million dollars. This decrease in value is attributed to the decline in fresh market production. The fresh market value of 54.6 million dollars is down 9.4 million. Processed sales rose by 3.2 million dollars or 3 percent to 98.3 million dollars from 1978 to 1979. Pennsylvania growers used 72.7 million square feet of production area during the 1978-1979 season, down 2 percent from the 1977-1978 total of 73.9 million square feet. They intend to use 77.6 million square feet for the 1979-1980 crops, up 7 percent from the 1978-1979 total production area.

Mushroom production in the **United States** hit a new record high during the 1978-1979 season at 452 million pounds, 13 percent above the 1977-1978 crop and 30 percent more than the 1976-1977 crop. This continued the upward trend in production since mushroom estimates were started in 1966. This year's survey includes growers with production in 27 States, the same as a year earlier. The crop is valued at $360 million, up 17 percent from the 1977-1978 season. Average value was 79.7 cents per pound compared with 77.1 cents a year ago. Fresh market sales increased to 228 million pounds this year, up 19 percent from the 1977-1978 season and accounted for 50 percent of the U.S. production. The fresh price averaged 94.9 cents per pound, an increase of 4.8 cents over the previous season. Processor usage of 224 million pounds was up 8 percent. Processing prices averaged 64.2 cents per pound in 1978-1979. Growers used 147 million square feet of bed and tray area to produce the 1978-1979 crop, up 9 percent from the previous season. Yields averaged 3.08 pounds per square foot, 4 percent above the 1977-1978 yield. An estimated 155 million square feet of production area is intended for the 1979-1980 crop, a 6 percent increase. If growers' current plans are carried out, first filling will be up 2 percent, second filling will be up 3 percent and additional fillings will increase 10 percent.

PENNSYLVANIA AND UNITED STATES: SALES BY TYPE AND PERCENT OF TOTAL, 1967-1979

Year	Pennsylvania					United States				
	Fresh Market		Processing		Total Production	Fresh Market		Processing		Total Production
	Volume Of Sales	Percent	Volume Of Sales	Percent		Volume Of Sales	Percent	Volume Of Sales	Percent	
	1,000 Pounds									
1967-68	27,120	24	85,880	76	113,000	47,611	26	132,980	74	180,591
1968-69	32,392	27	88,608	73	121,000	56,024	30	132,783	70	188,807
1969-70	39,262	32	83,431	68	122,693	62,115	32	131,764	68	193,879
1970-71	32,402	25	96,178	75	128,580	58,269	28	148,541	72	206,810
1971-72	34,841	25	105,647	75	140,488	66,323	29	165,050	71	231,373
1972-73	34,664	24	110,984	76	145,648	76,728	30	177,274	70	254,002
1973-74	46,336	28	117,684	72	164,020	102,293	37	177,200	63	279,493
1974-75	59,486	33	119,136	67	178,622	126,118	42	172,963	58	299,081
1975-76	64,590	36	114,327	64	178,917	142,121	46	167,695	54	309,816
1976-77	62,783	32	135,823	68	198,606	151,247	44	195,882	56	347,129
1977-78	75,260	34	144,798	66	220,058	191,080	48	207,623	52	398,703
1978-79	61,222	29	152,568	71	213,790	228,314	50	223,869	50	452,183

PENNSYLVANIA AND OTHER STATES: AREA, PRODUCTION, PRICE AND VALUE

State	Area In Production				Production	Price Per Pound	Value Of Production
	First Filling	Second Filling	Additional Fillings	Total			
	1,000 Sq. Ft.				1,000 Lbs.	Cents	1,000 Dols.
	July 1, 1978 - June 30, 1979						
Pennsylvania	26,378	25,334	20,993	72,705	213,790	71.5	152,893
Other States	19,731	19,387	34,915	74,033	238,393	87.0	207,362
United States	46,109	44,721	55,908	146,738	452,183	79.7	360,255
	July 1, 1977 - June 30, 1978						
Pennsylvania	26,586	25,429	21,918	73,933	220,058	72.3	159,058
Other States	18,712	18,108	24,348	61,168	178,645	83.1	148,530
United States	45,298	43,537	46,266	135,101	398,703	77.1	307,588

PENNSYLVANIA AND OTHER STATES: BED OR TRAY AREA TO BE IN PRODUCTION JULY 1, 1979 TO JUNE 30, 1980

State	Intentions July 1979 - June 1980				Intentions As Percent Of 1978 - 1979			
	First Filling	Second Filling	Additional Fillings	Total	First Filling	Second Filling	Additional Fillings	Total
	1,000 Square Feet				Percent			
Pennsylvania	27,298	26,247	24,082	77,627	103	104	115	107
Other States	19,918	19,750	37,525	77,193	101	102	107	104
United States	47,216	45,997	61,607	154,820	102	103	110	106

FLOWERS AND FOLIAGE PLANTS

By Chris L. Cadwallader

The 1979 wholesale value of sales by commercial flower and foliage plant producers in Pennsylvania totaled $34,220,000. A commercial producer is defined as one who had $10,000 or more in gross sales of cut flowers, flowering and foliage plants, bedding plants or cultivated florist greens and who produced one or more of the crops surveyed.

The wholesale value of cut flowers (carnations, mums, roses and snapdragons) totaled $16,270,000 — 47% of total. Potted plant sales (mums, poinsettias, geraniums, lilies and hydrangeas) totaled $9,514,000 — 28% of total; and flowering and vegetable plant sales totaled $4,326,000 — 13% of total. The net wholesale value (gross value less cost of plant material purchased from other growers for growing on) of foliage plants totaled $4,110,000 — 12% of total sales.

The derived wholesale value per square foot of the estimated 11,671,000 square feet in production during 1979 was $2.93. The derived value per square foot by crop was: carnations, standard — $2.98, miniature — $3.54; chrysanthemums, standard — $2.31, pompon — $1.33; roses, hybrid tea — $5.23, sweetheart — $4.87; snapdragon — $1.25; potted mums — $3.03; geraniums — $1.74; hydrangeas — $2.92; lilies — $3.72; poinsettas — $1.87; foliage plants — $5.65; and bedding plants, flowering — $2.13, vegetable — $2.09.

Pennsylvania ranks second nationally in wholesale value of hybrid tea and sweetheart roses; third for cut carnations, pompon mums, and snapdragons; fourth for standard mums; sixth for potted mums, geraniums and poinsettias.

Pennsylvania growers reported their 1980 square footage production area intentions as follows: miniature carnations up 3%; potted mums, geraniums and foliage plants up 1%; roses, potted poinsettias, hydrangeas and flowering bedding plants no change; standard mums, potted lillies and vegetable bedding plants down 1%; snapdragons down 2%; standard carnations down 5%; and pompon mums down 9%. The total production square footage is expected to decline 1 percent in 1980.

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS AND BEDDING PLANTS, 1978-1979

Flowers, Foliage Plants & Bedding Plants	Producers		Area For Production			
	1978	1979	1978	1979	Intended 1980	1980 As % Of 1979
	Number		1,000 Sq. Ft.			Percent
Carnations, Standard	68	57	506	407	388	95
Miniatures	27	21	60	67	69	103
Standard Mums	125	125	733	710	701	99
Pompon Mums	124	119	1,639	1,025	928	91
Roses, Hybrid Tea	19	20	1,399	1,663	1,665	100
Miniatures	19	19	450	586	584	100
Snapdragons	70	66	247	211	206	98
Potted Mums	110	139	719	1,129	1,141	101
Potted Poinsettias	150	165	1,591	1,607	1,604	100
Potted Geraniums	193	216	1,244	1,233	1,245	101
Potted Lilies	114	116	253	222	220	99
Potted Hydrangeas	26	25	66	37	37	100
Foliage Plants	89	58	1,251	727	737	101
Bedding Plants,						
Flowering	172	208	1,469	1,404	1,410	100
Vegetable	154	166	655	643	637	99
TOTAL	265	265	12,282	11,671	11,572	99

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS & BEDDING PLANTS, 1978-1979

Flowers, Foliage Plants & Bedding Plants	Sales			% Of Sales At Wholesale		Wholesale Price		Value Of Sales At Wholesale 1/	
	Units	1978	1979	1978	1979	1978	1979	1978	1979
	Thousand			Percent		Dollars		Thous. Dols.	
Carnations, Standard	Blooms	7,477	6,484	86	87	14.7	18.7	1,099	1,213
Miniatures	Bunches	119	104	73	83	2.25	2.28	268	237
Standard Mums	Blooms	4,180	3,541	58	74	49.7	46.4	2,077	1,643
Pompon Mums	Bunches	1,548	1,034	80	85	1.09	1.32	1,687	1,365
Roses, Hybrid Tea	Blooms	20,909	23,428	97	99	.342	.371	7,151	8,692
Miniatures	Blooms	12,018	12,002	98	99	.215	.238	2,584	2,856
Snapdragons	Stems	1,273	1,258	60	78	.219	.210	279	264
Potted Mums	Pots	996	1,645	92	88	2.57	2.08	2,560	3,422
Potted Poinsettias	Pots	1,248	1,166	82	83	2.28	2.58	2,845	3,008
Potted Geraniums	Pots	3,126	2,930	74	76	.76	.90	2,376	2,151
Potted Lilies	Pots	354	298	77	76	2.42	2.77	857	825
Potted Hydrangeas	Pots	67	31	92	88	2.80	3.48	188	108
Foliage Plants		-	-	83	66	-	-	7,420 2/	4,110 2/
Bedding Plants,									
Flowering	Flats	756	695	69	75	3.89	4.29	2,941	2,982
Vegetable	Flats	344	311	69	75	4.30	4.32	1,479	1,344
TOTAL		-	-	-	-	-	-	35,811	34,220

1/ Equivalent wholesale value of all sales. 2/ Gross value of sales less cost of plant materials purchased from other growers for growing on.

PRICES AND INCOME REVIEW — 1979

By Ronald H. Freeman

Prices Received by Pennsylvania farmers during 1979 were genrally higher than those of 1978. Cash grain prices were mostly above 1978, except oats, which showed a 5 percent decrease. Hay prices decreased 14 percent from a year ago, while prices received for potatoes were unchanged. All livestock items showed price increases compared with 1978 with the exception of hogs and farm chickens.

Prices paid by farmers for production items during 1979 were higher than 1978 prices.

The preliminary estimates of 1979 farm marketings in Pennsylvania totaled $2.5 billion. This is 18 percent above 1978's $2.2 billion marketings. Receipts from the sale of livestock and livestock products during 1979 totaled $1.8 billion, up 19 percent from 1978. Receipts from the sale of crops totaled $747 million during 1979, up 16 percent from the 1978 crop receipts. Livestock and livestock products sales accounted for 71 percent of the total $2.5 billion.

PENNSYLVANIA: PRICES RECEIVED BY FARMERS, MONTHLY, 1979

Commodity	Unit	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
							Dollars						
Corn	Bu.	2.48	2.46	2.54	2.74	2.83	3.14	3.41	3.49	3.04	2.88	2.83	2.90
Oats	Bu.	1.53	1.48	1.50	1.45	1.48	1.54	1.55	1.54	1.49	1.39	1.34	1.55
Barley	Bu.	1.89	1.88	1.86	1.86	1.80	1.86	1.88	2.1	2.35	2.48	2.70	2.74
Wheat	Bu.	3.74	3.97	3.77	3.67	3.90	4.46	4.31	4.12	4.12	4.27	4.15	4.10
Potatoes	Cwt.	4.95	5.00	5.25	5.35	6.75	-	6.75	3.85	4.10	4.95	4.85	4.90
Alfalfa Hay	Ton	69.50	67.50	67.50	63.00	60.50	61.00	59.50	59.50	56.00	53.50	59.00	64.50
Hay, All Baled	Ton	61.50	60.00	59.50	54.50	53.00	52.50	52.50	52.00	50.50	48.00	53.50	57.50
Apples (Fresh Market)	Cwt.	15.90	13.90	13.80	14.50	18.20	14.20	14.10	11.90	11.80	12.50	14.00	16.60
Hogs	Cwt.	50.40	53.60	49.00	45.30	44.20	41.70	40.90	36.60	38.60	35.00	36.90	40.50
Steers & Heifers	Cwt.	60.90	65.50	68.20	72.30	73.10	67.10	64.40	62.10	66.90	65.20	64.80	66.90
Cows, Slaughter	Cwt.	49.50	52.10	52.60	56.60	59.40	53.10	50.80	48.90	48.90	48.70	48.00	50.00
Calves	Cwt.	90.50	98.60	101.00	100.00	113.00	104.00	93.30	84.80	95.50	104.00	98.30	96.50
Sheep	Cwt.	36.90	37.60	36.30	28.30	32.70	28.10	29.00	29.30	27.20	29.70	24.70	25.10
Lambs	Cwt.	71.70	73.00	74.00	100.00	88.80	67.20	59.20	57.80	60.50	59.70	57.20	64.60
Milk Cows	Head	855.00	895.00	1010.00	1100.00	1160.00	1130.00	1140.00	1130.00	1190.00	1200.00	1260.00	1230.00
Broilers & Roasters	Lb.	.290	.300	.300	.305	.305	.295	.280	.245	.225	.235	.265	.255
Turkeys	Lb.	.500	.500	.500	.500	.500	.500	.500	.450	.400	.450	.450	.450
Milk (Wholesale)	Cwt.	12.70	12.80	12.60	12.30	12.20	12.10	12.50	12.70	13.00	13.30	13.60	13.40
Eggs	Doz.	.595	.599	.598	.618	.569	.531	.531	.514	.536	.531	.515	.583

PENNSYLVANIA: SEASON AVERAGE PRICES RECEIVED BY FARMERS, 1969-1979

Commodity	Unit	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
							Dollars					
Corn	Bu.	1.37	1.51	1.30	1.80	2.68	3.07	2.60	2.37	2.32	2.68	2.95
Oats	Bu.	.73	.78	.79	.90	1.34	1.65	1.53	1.64	1.47	1.42	1.35
Barley	Bu.	.90	.96	1.03	1.02	1.65	2.01	1.73	2.01	1.93	1.81	2.15
Wheat	Bu.	1.27	1.42	1.48	1.56	3.19	3.63	2.99	3.00	2.40	3.35	4.15
Potatoes	Cwt.	3.19	2.65	2.72	4.20	6.15	3.90	5.75	5.00	4.70	4.85	4.85
Hay, All Baled	Ton	29.00	30.00	31.00	40.00	40.50	45.00	53.00	58.00	75.00	62.00	53.50
Apples, All	Lb.	.037	.038	.039	.054	.086	.083	.059	.083	.091	.089	.087
Apples (Fresh Market)	Lb.	.061	.064	.071	.084	.120	.128	.098	.121	.143	.145	.145
Hogs	Cwt.	22.50	23.90	18.50	26.20	39.80	35.10	46.10	44.30	39.10	43.60	43.00
Steers & Heifers	Cwt.	28.30	28.90	30.30	34.30	44.40	39.60	40.30	37.00	37.70	50.80	66.80
Cows, Slaughter	Cwt.	19.30	21.00	21.70	25.30	33.60	28.10	21.60	26.10	25.70	36.90	51.40
Calves	Cwt.	36.80	39.20	40.50	50.90	62.10	47.60	35.40	42.40	45.70	64.30	97.90
Sheep	Cwt.	7.60	7.60	6.90	8.30	14.80	13.20	13.30	13.80	14.30	19.80	29.30
Lambs	Cwt.	26.40	27.20	24.80	28.90	39.30	39.20	42.00	48.70	48.30	70.00	74.40
Milk Cows	Head	355.00	412.00	486.00	500.00	609.00	621.00	533.00	638.00	662.00	743.00	1110.00
Farm Chickens	Lb.	.126	.123	.110	.145	.206	.170	.206	.235	.199	.208	.206
Broilers & Roasters	Lb.	.169	.156	.160	.164	.275	.293	.315	.267	.252	.273	.275
Turkeys	Lb.	.253	.254	.250	.252	.360	.335	.373	.380	.402	.474	.474
Milk (Wholesale, Blend)	Cwt.	6.16	6.42	6.47	6.77	7.86	8.88	9.25	10.40	10.40	11.10	12.70
Eggs	Doz.	.42	.41	.32	.31	.51	.54	.51	.57	.54	.49	.56
Wool	Lb.	.42	.43	.28	.41	.61	.51	.39	.60	.72	.76	.85

PENNSYLVANIA: AVERAGE ANNUAL PRICES PAID BY FARMERS FOR SELECTED ITEMS AND YEARS, 1965-1979

Item	1965	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
						Dollars						
Motor Supplies:												
Gasoline, Regular, Per Gallon.....	.30	.34	.35	.36	.36	.39	.52	.55	.57	.58	.63	.87
Tractor Fuel, Per Gallon.....	.16	.18	.19	.19	.20	.24	.32	.38	.42	.48	.49	.72
Spark Plugs, Each.....	.96	1.01	1.05	1.12	1.12	1.15	1.22	1.28	1.20	1.30	1.20	1.30
Feed:												
Chick Starter, Per Ton.....	98.00	96.00	101.00	104.00	108.00	165.00	175.00	165.00	172.50	176.00	176.00	199.00
Laying Feed, Per Ton.....	86.00	84.00	88.00	92.00	92.00	143.00	158.00	149.00	154.92	153.00	154.00	172.00
Dairy Feed, 16% Per Ton.....	76.00	75.00	80.00	84.00	86.00	120.00	142.00	137.00	144.33	144.50	144.00	164.00
Middlings, Per Cwt.....	3.50	3.65	3.91	4.18	4.35	5.93	7.29	7.00	7.19	7.08	6.80	7.60
Soybean Oilmeal, 44% Per Cwt.....	5.12	5.34	5.67	5.78	6.78	13.45	10.08	8.78	10.77	12.95	11.60	13.00
Corn Meal, Per Cwt.....	3.44	3.43	3.69	3.90	3.75	5.33	7.32	6.94	6.72	6.03	6.20	7.00

PENNSYLVANIA: PRICES PAID BY FARMERS FOR FEED, CHICKS, POULTS AND PRICE-FEED RATIOS, MONTHLY, 1979

Item	Unit	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
							Dollars						
Poultry:													
Chick Starter.....	Ton	184	184	187	189	194	200	210	210	205	210	199	210
Broiler Grower.....	Ton	190	190	185	172	183	200	215	210	210	215	193	205
Turkey Grower.....	Ton	191	192	200	196	200	205	220	220	210	215	205	210
Laying Feed.....	Ton	161	163	163	164	169	175	185	185	185	181	174	177
Egg-Feed Price Ratio 1/.....		7.4	6.9	7.3	7.5	6.7	6.1	5.7	5.6	5.8	5.9	5.9	7.5
Broiler-Feed Price Ratio 2/.....		3.1	3.2	3.2	3.5	3.3	3.0	2.6	2.3	2.1	2.2	2.7	2.5
Turkey-Feed Price Ratio 3/.....		5.2	5.2	5.0	5.1	5.0	4.9	4.5	4.1	3.8	4.2	4.4	4.3
Broiler-Type Chicks Straight Run..	100	16.00	16.00	16.00	16.50	17.00	17.00	17.00	17.00	17.50	17.00	17.50	17.00
Egg-Type, Pure Bred Pullets.....	100	35.50	38.00	37.00	37.50	38.50	38.00	38.00	38.00	37.50	38.50	39.50	39.00
Egg-Type, Incross (Hybrid) Pullets.....	100	36.50	38.00	37.00	38.00	38.00	35.50	36.00	37.50	37.50	37.50	37.00	36.00
Dairy:													
Mixed Dairy Feed, 18%.....	Ton	165	169	168	170	169	170	185	183	182	182	179	185
Mixed Dairy Feed, 16%.....	Ton	157	157	158	155	158	160	169	165	168	172	171	173
Mixed Dairy Feed, 32%.....	Ton	225	230	225	230	225	230	250	240	240	240	235	235
Milk-Feed Price Ratio 4/.....		1.61	1.62	1.58	1.59	1.53	1.50	1.47	1.53	1.54	1.55	1.59	1.55
Hog And Beef:													
Mixed Hog-Feed, 14-18%.....	Cwt.	8.20	8.20	8.40	8.30	8.40	8.60	9.20	9.30	9.20	9.30	8.90	9.10
Mixed Hog-Feed, 38-42%.....	Cwt.	13.50	13.50	14.00	14.00	14.00	14.00	15.00	14.50	14.50	14.50	13.80	14.30
Hog-Corn Price Ratio 5/.....		21.0	21.8	19.3	16.5	15.6	13.7	12.2	12.2	13.0	12.4	13.2	14.0
Beef-Cattle Concentrate, 30% & Over.....	Cwt.	9.90	10.00	10.00	10.00	10.00	10.00	11.00	11.00	11.00	11.00	11.00	11.00
Ingredients:													
Bran.....	Cwt.	7.30	7.50	7.50	7.30	7.40	7.60	7.80	7.70	7.70	8.00	8.00	8.40
Corn Meal.....	Cwt.	6.50	6.40	6.30	6.40	6.60	7.00	7.40	7.40	7.60	7.60	7.20	7.30
Soybean Meal, 44%.....	Cwt.	12.60	12.70	13.00	13.00	13.00	13.00	14.00	13.50	13.00	12.90	12.50	13.00
Cottonseed Meal, 41%.....	Cwt.	12.60	12.50	13.00	13.00	13.00	13.00	14.00	14.00	13.50	13.50	13.50	13.50
Stock Salt.....	Cwt.	4.60	4.65	4.25	4.55	4.70	4.80	4.70	4.80	4.90	4.75	5.00	4.75
Liquid Molasses.....	Cwt.	6.30	6.40	6.50	6.50	6.70	7.00	6.60	6.80	6.80	7.20	7.10	7.00

1/ Pounds of laying feed equal in value to one dozen eggs.
2/ Pounds of broiler grower feed equal to one pound broiler liveweight.
3/ Pounds of turkey growers feed equal in value to one pound of turkey liveweight.
4/ Pounds of concentrate ration equal in value to one pound of whole milk.
5/ Bushels of corn equal in value to 100 pounds of hog liveweight.

PENNSYLVANIA: CASH RECEIPTS FROM FARM MARKETING AND GOVERNMENT PAYMENTS, 1940-1978

Year	Cash Income From Farm Marketings			Government Payments	Total Marketings & Government Payments
	Crops	Livestock & Livestock Products	Total Crops And Livestock		
			Dollars		
1940	75,775,000	192,859,000	268,634,000	6,679,000	275,313,000
1950	161,089,000	533,156,000	694,245,000	6,282,000	700,527,000
1960	214,383,600	599,216,400	813,600,000	11,783,000	825,383,000
1965	218,649,000	619,828,000	838,477,000	21,350,000	859,827,000
1967	216,585,000	670,606,000	887,191,000	21,191,000	908,382,000
1968	237,277,000	680,969,000	918,246,000	23,858,000	942,104,000
1969	226,851,000	756,552,000	983,403,000	27,866,000	1,011,269,000
1970	260,889,000	776,432,000	1,037,321,000	25,159,000	1,062,480,000
1971	274,043,000	784,829,000	1,058,872,000	18,101,000	1,076,973,000
1972	271,512,000	841,488,000	1,113,000,000	22,892,000	1,135,892,000
1973	367,777,000	1,014,151,000	1,381,928,000	15,293,000	1,397,221,000
1974	465,855,000	1,091,710,000	1,557,565,000	4,916,000	1,562,481,000
1975	474,789,000	1,125,921,000	1,600,710,000	5,310,000	1,606,020,000
1976	539,011,000	1,270,180,000	1,809,191,000	5,774,000	1,814,965,000
1977	590,973,000	1,302,575,000	1,893,548,000	7,476,000	1,901,024,000
1978	641,631,000	1,510,678,000	2,152,309,000	12,659,000	2,164,968,000
1979	746,990,000	1,798,981,000	2,545,971,000	-	-

PENNSYLVANIA: REALIZED GROSS AND NET INCOME FROM FARMING, 1960-1978

	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
					Million Dollars					
Cash Receipts From Farm Marketings	813.6	838.5	1,037.3	1,113.0	1,381.9	1,557.6	1,600.7	1,809.2	1,893.5	2,152.3
Government Payments	11.8	21.4	25.2	22.9	15.3	4.9	5.3	5.8	7.5	12.7
Non-Money Income	141.0	96.0	109.6	125.0	146.1	172.2	226.1	233.2	279.3	308.0
Other Farm Income	4.1	6.6	7.2	8.7	10.7	12.9	15.9	17.5	20.1	21.9
Gross Farm Income	970.4	962.4	1,179.3	1,269.6	1,554.0	1,747.6	1,848.0	2,065.6	2,200.4	2,494.9
Farm Production Expenses	709.9	726.9	880.2	947.2	1,184.2	1,418.9	1,554.1	1,726.6	1,832.1	1,940.8
Realized Net Farm Income	260.5	235.5	299.0	322.4	369.8	328.6	293.9	339.1	368.4	554.1
Net Change-Farm Inventories	14.7	-3.4	10.8	-31.9	58.6	65.7	5.2	23.2	-20.4	38.4
Total Net Farm Income	275.3	232.1	309.9	290.6	428.4	394.3	299.1	362.2	348.0	592.5
Estimated Number Of Farms (In Thous.)	106	85	74	72	71	71	67.0 1/	65.0 1/	63.0 1/	61.0
Average Net Income Per Farm (In Dollars)	2,597	2,731	4,188	4,036	6,034	5,554	4,464	5,583	5,524	9,713

1/ New Definition: Places with annual sales of agricultural products of $1,000 or more.

PENNSYLVANIA: FARM PRODUCTION EXPENSES, 1976-1978

	1976	1977	1978
		Million Dollars	
Current Farm Operating Expenses:			
Feed	395.4	392.6	384.5
Livestock	46.9	59.6	72.2
Seed	45.5	48.6	52.4
Fertilizer & Lime	95.0	90.5	99.5
Repairs & Operation Of Capital Items	208.5	238.0	254.3
Hired Labor	218.8	214.9	191.8
Miscellaneous	235.5	255.2	282.2
Total Current Farm Operating Expenses	1,245.6	1,299.3	1,336.8
Depreciation	361.2	405.9	459.2
Taxes On Farm Property	68.7	70.3	75.4
Interest On Farm Mortgage Debt	61.1	66.8	78.7
Net Rent To Non-Farm Landlords	-10.1	-10.3	-9.4
Total Production Expenses	1,726.6	1,832.1	1,940.8

PENNSYLVANIA: CASH RECEIPTS FROM SALE OF AGRICULTURAL PRODUCTS FROM FARMS BY COMMODITIES, 1976-1978 1/

Commodity	1976		1977		1978	
	Value	Percent Of Total	Value	Percent Of Total	Value	Percent Of Total
	Thous. Dols.	Percent	Thous. Dols.	Percent	Thous. Dols.	Percent
ALL COMMODITIES	1,809,191	100.0	1,893,548	100.0	2,152,309	100.0
LIVESTOCK PRODUCTS	1,270,180	70.2	1,302,575	68.7	1,510,678	70.1
MEAT ANIMALS	224,869	12.4	215,437	11.3	317,156	14.7
Cattle Calves	149,666	8.2	151,373	7.9	240,599	11.1
Hogs	72,299	4.0	61,707	3.3	74,058	3.5
Sheep Lambs	2,904	.1	2,357	.1	2,499	.1
DAIRY PRODUCTS	779,605	43.1	808,803	42.7	878,213	40.8
Milk Wholesale	734,240	40.5	766,480	40.4	826,950	38.4
Milk Retail	44,949	2.5	41,823	2.2	50,763	2.3
Milkfat	416	-	500	-	500	-
POULTRY AND EGGS	247,206	13.6	258,407	13.6	294,239	13.6
Eggs	127,746	7.0	129,728	6.9	141,926	6.6
Broilers	80,190	4.5	90,528	4.8	109,797	5.1
Turkeys	26,678	1.5	27,245	1.4	29,435	1.3
Chickens Farm	12,079	.7	10,513	.5	12,621	.5
MISCELLANEOUS LIVESTOCK	18,500	1.0	19,928	1.0	21,070	1.0
Honey	1,716	-	1,877	.1	1,615	-
Wool	426	.1	470	-	399	-
Beeswax	48	-	73	-	81	-
Other Livestock	16,823	1.0	17,901	.9	19,435	.9
CROPS	539,011	29.8	590,973	31.3	641,631	29.9
FOOD GRAINS	19,873	1.1	20,110	1.1	16,077	.7
Wheat	19,542	1.0	19,811	1.0	15,589	.7
Rye	331	-	299	-	488	-
FEED CROPS	142,570	7.8	147,327	7.8	160,656	7.5
Corn	96,662	5.3	96,454	5.1	98,821	4.6
Hay	36,645	2.0	40,736	2.1	52,800	2.4
Oats	5,547	.3	6,594	.3	5,921	.3
Barley	3,716	.2	3,543	.2	3,114	.1
TOBACCO	11,484	.7	13,875	.7	13,875	.6
OIL CROPS	7,817	.4	9,311	.5	11,861	.5
Soybeans	7,817	.4	9,311	.5	11,861	.5
VEGETABLES	61,331	3.4	62,759	3.3	61,162	2.8
Potatoes	29,503	1.6	31,679	1.6	28,043	1.3
Tomatoes	10,643	.5	10,224	.5	10,956	.5
Corn Sweet	8,668	.5	6,166	.3	5,989	.2
Cabbage	2,653	.1	2,741	.1	4,163	.2
Beans Snap	2,450	.1	2,380	.1	2,580	.1
Miscellaneous Vegetables	7,414	.4	9,569	.5	9,431	.4
FRUITS AND NUTS	55,170	3.0	65,333	3.4	76,208	3.5
Apples	28,729	1.6	37,834	2.0	42,586	1.9
Grapes	9,130	.5	6,803	.3	13,294	.6
Peaches	11,466	.6	12,062	.6	13,209	.6
Cherries	2,293	.1	4,067	.2	3,179	.2
Strawberries	1,983	.1	2,436	.1	1,840	.1
Pears	763	-	1,053	-	838	-
Other Fruits & Nuts	806	-	1,078	-	1,262	-
ALL OTHER CROPS	240,766	13.3	272,258	14.4	301,792	14.0
Mushrooms	119,333	6.6	146,967	7.7	164,724	7.7
Greenhouse Nursery	110,713	6.1	114,127	6.0	124,538	5.7
Forest Products	9,222	.5	9,488	.5	10,760	.5
Maple Products	382	-	528	-	420	-
Red Clover Seed	207	-	193	-	210	-
Timothy Seed	42	-	70	-	5	-
Other Field Crops	867	-	885	-	1,135	-

1/ Some commodities do not add to group totals in order to avoid disclosure of confidential data and/or inclusion of minor commodities.

PENNSYLVANIA: CASH RECEIPTS FROM THE SALE OF AGRICULTURAL CROPS, BY COUNTIES, 1978

County & District	Crops					Total All Crops
	Field	Vegetables & Potatoes	Fruits	Forest & Maple	Horticulture & Mushrooms	
	Thousand Dollars					
Crawford	4,553	739	94	423	367	6,176
Erie	3,474	4,431	17,347	303	2,890	28,445
Forest	51	5	-	83	-	139
Mercer	4,100	570	176	171	1,491	6,508
Venango	677	124	107	64	231	1,203
Warren	763	323	-	220	13	1,319
NORTHWESTERN, TOTAL	13,618	6,192	17,724	1,264	4,992	43,790
Bradford	2,926	223	148	492	171	3,960
Cameron	19	1	-	12	-	32
Clinton	1,394	754	29	35	6	2,218
Elk	171	46	8	12	2	239
Lycoming	3,779	857	448	218	843	6,145
McKean	268	74	4	92	177	615
Potter	719	1,689	4	92	14	2,518
Sullivan	308	97	-	49	-	454
Tioga	1,671	312	37	270	111	2,401
NORTH CENTRAL, TOTAL	11,255	4,053	678	1,272	1,324	18,582
Lackawanna	520	819	134	41	76	1,590
Susquehanna	1,791	51	48	441	30	2,361
Wayne	1,147	78	20	116	296	1,657
Wyoming	865	201	134	56	98	1,354
NORTHEASTERN, TOTAL	4,323	1,149	336	654	500	6,962
Armstrong	2,613	254	156	97	36,505	39,625
Beaver	1,291	177	182	130	501	2,281
Butler	3,478	1,253	52	146	20,383	25,312
Clarion	1,671	383	128	113	147	2,442
Indiana	3,135	981	238	1,628	2,175	8,157
Jefferson	1,234	115	27	226	337	1,939
Lawrence	3,273	241	124	39	1,572	5,249
WEST CENTRAL, TOTAL	16,695	3,404	907	2,379	61,620	85,005
Blair	2,005	326	790	155	356	3,632
Cambria	1,211	2,686	28	291	677	4,893
Centre	3,671	807	323	139	313	5,253
Clearfield	959	319	91	118	506	1,993
Columbia	3,864	3,429	415	640	2,098	10,446
Dauphin	3,745	784	469	88	533	5,619
Huntingdon	2,292	173	48	284	111	2,908
Juniata	2,282	149	876	135	8	3,450
Mifflin	2,190	86	110	134	87	2,607
Montour	1,558	132	51	12	231	1,984
Northumberland	4,665	2,070	475	74	313	7,597
Perry	2,835	147	138	53	139	3,312
Snyder	2,537	436	1,095	113	55	4,236
Union	2,385	255	88	37	208	2,973
CENTRAL, TOTAL	36,199	11,799	4,997	2,273	5,635	60,903
Carbon	574	335	67	19	288	1,283
Lehigh	5,193	2,920	2,932	16	490	11,551
Luzerne	1,263	1,953	258	32	1,371	4,877
Monroe	572	489	123	32	117	1,333
Northampton	5,535	1,218	743	4	747	8,247
Pike	99	94	8	12	11	224
Schuylkill	2,782	2,936	584	176	193	6,671
EAST CENTRAL, TOTAL	16,018	9,945	4,715	291	3,217	34,186
Allegheny	530	679	752	14	4,270	6,245
Fayette	1,970	293	8	19	645	2,935
Greene	902	156	12	12	190	1,272
Somerset	2,830	1,795	88	643	446	5,802
Washington	3,330	496	362	44	1,115	5,347
Westmoreland	3,997	559	120	153	3,001	7,830
SOUTHWESTERN, TOTAL	13,559	3,978	1,342	885	9,667	29,431
Adams	4,310	1,368	24,283	112	631	30,704
Bedford	3,113	191	1,023	414	27	4,768
Cumberland	5,280	565	1,375	37	1,319	8,576
Franklin	6,153	658	9,172	113	242	16,338
Fulton	1,345	29	71	238	30	1,713
York	12,533	7,911	3,462	416	2,267	26,589
SOUTH CENTRAL, TOTAL	32,734	10,722	39,386	1,330	4,516	88,688
Berks	10,821	930	2,449	222	39,580	54,002
Bucks	7,387	2,470	761	14	6,273	16,905
Chester	8,631	1,430	863	256	136,434	147,614
Delaware	192	282	149	14	4,863	5,500
Lancaster	24,184	3,657	1,362	291	5,303	34,797
Lebanon	4,246	630	237	23	1,055	6,191
Montgomery	3,810	510	302	12	3,938	8,572
Philadelphia	147	11	-	-	345	503
SOUTHEASTERN, TOTAL	59,418	9,920	6,123	832	197,791	274,084
PENNSYLVANIA	203,819	61,162	76,208	11,180	289,262	641,631

PENNSYLVANIA: CASH RECEIPTS FROM THE SALE OF LIVESTOCK AND LIVESTOCK PRODUCTS, GOVERNMENT PAYMENTS AND TOTAL CASH RECEIPTS BY COUNTIES, 1978

County & District	Livestock And Products				Government Payments	Total All Crops, Livestock Products & Gov't Payments
	Meat Animals & Misc Livestock	Dairy	Poultry	Total Livestock & Products		
	Thousand Dollars					
Crawford	3,871	29,043	1,391	34,305	450	40,931
Erie	4,569	23,798	492	28,859	313	57,617
Forest	70	467	42	579	14	732
Mercer	4,331	12,355	767	17,453	368	24,329
Venango	705	2,206	215	3,126	87	4,416
Warren	993	5,525	614	7,132	86	8,537
NORTHWESTERN, TOTAL	14,539	73,394	3,521	91,454	1,318	136,562
Bradford	6,531	54,285	2,457	63,273	282	67,515
Cameron	15	232	8	255	5	292
Clinton	988	5,051	135	6,174	114	8,506
Elk	323	1,053	790	2,166	19	2,424
Lycoming	3,013	8,988	700	12,701	330	19,176
McKean	451	2,449	438	3,338	64	4,017
Potter	1,180	8,864	1,119	11,163	99	13,780
Sullivan	402	2,070	1,050	3,522	46	4,022
Tioga	3,562	31,277	3,274	38,113	237	40,751
NORTH CENTRAL, TOTAL	16,465	114,269	9,971	140,705	1,196	160,483
Lackawanna	1,217	2,180	1,142	4,539	73	6,202
Susquehanna	3,688	30,584	4,105	38,377	186	40,924
Wayne	2,740	23,644	3,561	29,945	103	31,705
Wyoming	2,254	9,166	1,032	12,452	75	13,881
NORTHEASTERN, TOTAL	9,899	65,574	9,840	85,313	437	92,712
Armstrong	2,865	4,579	443	7,887	220	47,732
Beaver	1,026	3,867	327	5,220	54	7,555
Butler	4,204	7,814	1,978	13,996	275	39,583
Clarion	1,708	8,292	692	10,692	128	13,262
Indiana	3,438	9,347	2,958	15,743	252	24,152
Jefferson	1,219	4,061	687	5,967	78	7,984
Lawrence	2,394	7,441	1,197	11,032	238	16,519
WEST CENTRAL, TOTAL	16,854	45,401	8,282	70,537	1,245	156,787
Blair	2,828	18,825	1,663	23,316	166	27,114
Cambria	2,699	1,694	7,073	11,466	190	16,549
Centre	2,751	15,572	434	18,757	302	24,312
Clearfield	1,055	2,235	917	4,207	82	6,282
Columbia	3,367	4,234	4,852	12,453	384	23,283
Dauphin	5,362	9,149	8,734	23,245	295	29,159
Huntingdon	2,798	13,237	1,069	17,104	133	20,145
Juniata	2,882	12,396	5,679	20,957	258	24,665
Mifflin	3,272	17,449	6,189	26,910	150	29,667
Montour	1,390	2,429	1,774	5,593	165	7,742
Northumberland	6,655	5,139	8,344	20,138	412	28,147
Perry	3,805	11,722	3,385	18,912	400	22,624
Snyder	3,348	7,687	9,421	20,456	172	24,864
Union	2,992	8,239	4,929	16,160	168	19,301
CENTRAL, TOTAL	45,204	130,007	64,463	239,674	3,277	303,854
Carbon	238	501	559	1,298	64	2,645
Lehigh	2,249	2,675	3,461	8,385	314	20,250
Luzerne	952	2,646	1,037	4,635	109	9,621
Monroe	695	929	363	1,987	124	3,444
Northampton	2,248	11,102	2,014	15,364	274	23,885
Pike	141	200	402	743	12	979
Schuylkill	5,266	3,673	8,542	17,481	264	24,416
EAST CENTRAL, TOTAL	11,789	21,726	16,378	49,893	1,161	85,240
Allegheny	851	1,161	1,370	3,382	39	9,666
Fayette	1,450	5,412	1,073	7,935	108	10,978
Greene	2,028	2,644	240	4,912	136	6,320
Somerset	5,923	22,064	1,752	29,739	246	35,787
Washington	4,405	12,895	979	18,279	197	23,823
Westmoreland	4,056	12,465	1,761	18,282	286	26,398
SOUTHWESTERN, TOTAL	18,713	56,641	7,175	82,529	1,012	112,972
Adams	14,171	12,939	14,491	41,601	549	72,654
Bedford	4,899	20,593	1,302	26,794	220	31,782
Cumberland	7,043	30,078	2,646	39,767	528	48,871
Franklin	12,942	51,550	4,202	68,694	484	85,516
Fulton	1,435	6,854	1,004	9,293	158	11,164
York	17,294	22,003	16,915	56,212	833	83,634
SOUTH CENTRAL, TOTAL	57,784	144,017	40,560	242,361	2,772	333,821
Berks	20,335	31,928	9,916	62,179	463	116,644
Bucks	3,693	10,080	5,254	19,027	184	36,116
Chester	12,942	38,323	5,128	56,393	290	204,297
Delaware	519	802	116	1,437	7	6,944
Lancaster	93,616	111,987	101,361	306,964	534	342,295
Lebanon	11,469	26,251	8,368	46,088	137	52,416
Montgomery	4,044	7,813	3,895	15,752	175	24,499
Philadelphia	361	-	11	372	-	875
SOUTHEASTERN, TOTAL	146,979	227,184	134,049	508,212	1,790	784,086
PENNSYLVANIA	338,226	878,213	294,239	1,510,678	14,208	2,166,517

UNITED STATES CENSUS: RANKING OF SELECTED AGRICULTURAL DATA, LEADING STATE AND COUNTY

Item	United States				Leading Pennsylvania County			
	Leading State	Leading U.S. County — County	State	1974 Quantity	County	Rank In U.S. 1974	1969	1974 Quantity
Value Of All Ag Products Sold.....	Calif.	Fresno	Calif.	$780,755,000	Lancaster	18	12	$251,706,000
Value Of Crops Sold.....	Calif.	Fresno	Calif.	$608,273,000	Chester	87	57	$ 59,293,000
Value Of Nursery, Greenhouse & Mushroom Products Sold*.....	Calif.	Chester	Penna.	$ 48,023,000	Chester	1	1	$ 48,023,000
Value Of Forest Products Sold.....	Georgia	Douglas	Oregon	$ 2,418,000	Indiana	13	65	$ 924,000
Value Of Livestock, Poultry & Their Products Sold.....	Iowa	Weld	Colo.	$489,696,000	Lancaster	7	8	$211,763,000
Value Of Dairy Products Sold*.....	Wisc.	San Bern.	Calif.	$141,030,000	Lancaster	5	2	$ 65,648,000
Value Of Cattle & Calves Sold*.....	Texas	Weld	Colo.	$408,625,000	Lancaster	39	27	$ 51,882,000
Value Of Hogs & Pigs Sold*.....	Iowa	Henry	Ill.	$ 40,648,000	Lancaster	42	--	$ 17,250,000
Number Of Farms With Sales $2,500 & Over*.....	Iowa	Fresno	Calif.	5,809	Lancaster	3	3	4,184
Total Farm Expenditures.....	Calif.	Fresno	Calif.	$598,827,000	Lancaster	17	16	$199,401,000
Expenditure For Livestock & Poultry Feed.	Texas	Weld	Colo.	$174,694,000	Lancaster	11	10	$ 79,914,000
Expenditure For Fertilizer.....	Ill.	Fresno	Calif.	$ 35,229,000	Lancaster	44	21	$ 8,092,000
Estimated Market Value Of Machinery & Equipment.....	Iowa	Fresno	Calif.	$185,197,000	Lancaster	10	8	$ 85,500,000
Cattle & Calf Inquiry.....	Texas	Weld	Colo.	605,720	Lancaster	17	14	207,944
Milk Cow Inventory.....	Wisc.	San Bern.	Calif.	116,045	Lancaster	5	3	71,598
Fed Cattle Sold For Slaughter*.....	Texas	Weld	Colo.	812,301	Lancaster	59	43	82,189
Hog & Pig Inventory.....	Iowa	Henry	Ill.	298,733	Lancaster	45	98	131,243
Hogs & Pigs Sold.....	Iowa	Henry	Ill.	522,091	Lancaster	25	64	264,565
Horse & Pony Inventory.....	Texas	McKinely	N. Mex.	12,515	Lancaster	7	8	5,621
Hens & Pullets Of Laying Age.....	Calif.	San Diego	Calif.	6,93?,906	Lancaster	5	6	3,925,846
Turkeys Sold*.....	Minn.	Duplin	N.Car.	5,043,466	Adams	61	130	449,439
Hay Acres Cut.....	S.Dak.	Cherry	Nebr.	359,978	Bradford	69	48	90,752
Clo-Tim & Mixtures Cut For Hay*.....	Mo.	St. Lawr.	N.Y.	76,873	Bradford	4	4	49,996
Green Pea Acres Harvested*.....	Wisc.	Umatilla	Oregon	37,566	York	83	79	924
Tomato Acres Harvested*.....	Calif.	Yolo	Calif.	61,707	Lancaster	78	67	671
Acres In Orchards.....	Calif.	Fresno	Calif.	274,627	Adams	45	39	19,849
Acres In Grapes.....	Calif.	Fresno	Calif.	184,361	Erie	13	12	10,774
Tobacco Acres Harvested.....	N.Car.	Pitt	N.Car.	20,500	Lancaster	20	5	9,577
Value Of Ag Products Sold Per Acre.....	Conn.	Suffolk	N.Y.	$ 1,231,000	Lancaster	17	11	$ 630,000
Value Of Fruits, Nuts & Berries Sold*....	Calif.	Fresno	Calif.	$240,643,000	Adams	43	38	$ 14,387,000
Value Of Poultry & Poultry Products Sold*.....	Ark.	Sussex	Del.	$132,137,000	Lancaster	4	7	$ 75,066,000
Expenditures For Non-Contract Hired Farm Labor.....	Calif.	Fresno	Calif.	$109,269,000	Chester	31	39	$ 16,328,000
Cattle & Calves Sold.....	Texas	Weld	Colo.	956,647	Lancaster	36	25	159,895
Light Breed Turkeys Sold For Slaughter*..	Minn.	Duplin	N.Car.	1,529,436	Union	19	--	250,000
Snap Bean Acres Harvested, Bush & Pole...	Wisc.	Marion	Oregon	18,500	York	39	66	2,180

Source: 1974 Census of Agriculture, U.S. Department of Commerce, Bureau of Census.
* Data for farms with sales $2,500 and over, other data for all farms.

PENNSYLVANIA: RANK AMONG STATES IN CROP PRODUCTION, 1979

Item	1	2	3	4	5	6	7	8	9	10	PA. If Not In Top 10
Corn For Grain	Iowa	Ill.	Nebr.	Ind.	Minn.	Ohio	Wisc.	Mich.	Mo.	S. Dak.	15
Corn For Silage	Iowa	Wisc.	Minn.	N.Y.	PA.	Nebr.	Mich.	Colo.	S.Dak.	Calif.	-
Winter Wheat	Kans.	Okla.	Tex.	Wash.	Nebr.	Mo.	Colo.	Ohio	Mont.	Ill.	21
Oats	S.Dak.	Minn.	Iowa	Wisc.	N.Dak.	Ohio	Nebr.	PA.	N.Y.	Tex.	-
Barley	N.Dak.	Idaho	Calif.	Minn.	Mont.	Colo.	S.Dak.	Wash.	Utah	Wyo.	12
Rye	S. Dak.	N. Dak.	Ga.	Minn.	Nebr.	Okla.	S.Car.	Mich.	Tex.	Kans.	12
All Hay	Wisc.	Minn.	Iowa	S.Dak.	Nebr.	Calif.	Tex.	Mo.	N.Dak.	Kans.	12
Alfalfa Hay	Wisc.	Minn.	Iowa	Calif.	S.Dak.	Nebr.	N.Dak.	Idaho	Kans.	Mich.	14
Red Clover Seed	Oreg.	Minn.	Ill.	Mo.	Wash.	Mich.	Ohio	Idaho	Iowa	Ind.	14
Soybeans For Beans	Ill.	Iowa	Mo.	Minn.	Ind.	Ohio	Ark.	Miss.	La.	Tenn.	29
Tobacco	N.Car.	Ky.	S.Car.	Va.	Tenn.	Ga.	Md.	Wisc.	Fla.	PA.	-
Potatoes	Idaho	Wash.	Maine	Oreg.	Calif.	N.Dak.	Wisc.	Minn.	Colo.	N.Y.	13
Apples	Wash.	N.Y.	Mich.	Va.	Calif.	PA.	N.Car.	W.Va.	Oreg.	N.J.	-
Peaches	Calif.	S.Car.	Ga.	N.J.	PA.	N.Car.	Tex.	Ark.	Mich.	Va.	-
Pears	Calif.	Wash.	Oreg.	N.Y.	Mich.	Utah	Colo.	PA.	Conn.	-	-
Grapes	Calif.	N.Y.	Wash.	Mich.	PA.	Ariz.	Ohio	Ark.	N.Car.	Mo.	-
Cherries, Sweet	Wash.	Oreg.	Calif.	Mich.	Utah	N.Y.	Idaho	Mont.	PA.	-	-
Cherries, Tart	Mich.	N.Y.	Utah	Wisc.	PA.	Oreg.	Colo.	-	-	-	-
Maple Syrup	Vt.	N.Y.	Wisc.	Ohio	Mich.	N.H.	PA.	Mass.	Maine	-	-
Vegetables, Fresh	Calif.	Fla.	Tex.	N.Y.	Ariz.	Mich.	Oreg.	Colo.	Wash.	N.J.	20
Vegetables, For Proces	Calif.	Wisc.	Minn.	Oreg.	Wash.	Ohio	N.Y.	Ill.	Mich.	Ind.	14
Floriculture 1/	Calif.	Fla.	Ohio	Tx.	Mich.	PA.	N.Y.	Colo.	Ill.	Mass.	-
Mushrooms	PA.	N.Y.	Del.	Md.	N.J.	-	-	-	-	-	-

1/ Based on wholesale value of thirteen principal floriculture crops.

PENNSYLVANIA: RANKING OF COUNTIES IN CROP PRODUCTION, 1979

Item	1	2	3	4	5	6	7	8	9	10
Wheat	York	Lanc.	Lehigh	Berks	Northn.	Cumb.	Frank.	Adams	North'd.	Bucks
Corn For Grain	Lanc.	York	Berks	Frank.	Chester	Northn.	Lehigh	Adams	Cumb.	North'd.
Corn For Silage	Lanc.	Berks	Frank.	Brad.	York	Chester	Cumb.	Somer.	Leb.	Susq.
Oats	Somer.	Erie	Berks	Mercer	Craw.	Tioga	North'd.	Camb.	Armstr.	Butler
Barley	York	Lanc.	Berks	Cumb.	Frank.	Adams	Bucks	Dauphin	Chester	Leb.
Alfalfa Hay	Lanc.	Berks	Frank.	Wash.	Chester	Bed.	West'd.	Cntr/Brad.	Somer.	Butler
All Hay	Lanc.	Berks	Brad.	Frank.	Wash.	Somer.	Tioga	Chester	Susq.	Greene
Potatoes	Erie	York	Lehigh	Camb.	Schuyl.	Lanc.	Potter	Somer.	Northn.	Chester
Tobacco	Lanc.	Leb.	Chester	Berks	York	Snyder	Dauphin	Union	Elk/Lyc	-
Apples	Adams	Frank.	Lehigh	Berks	York	Erie	Cumb.	Bed.	Snyder	Blair
Peaches	Adams	Frank.	York	Lehigh	Berks	Lanc.	Juniata	Snyder	Cumb.	Northn.

PENNSYLVANIA: RANK AMONG STATES, LIVESTOCK AND LIVESTOCK PRODUCTS AND CASH RECEIPTS, 1979

Item	1	2	3	4	5	6	7	8	9	10	Pa. If Not In Top 10
LIVESTOCK INVENTORY 1/1/80:											
All Cattle & Calves	Texas	Iowa	Nebr.	Kans.	Okla.	Mo.	Calif.	Wisc.	S.D.	Mich.	16
Milk Cows	Wisc.	N.Y.	Calif.	Minn.	PA.	Mich.	Ohio	Iowa	Texas	Mo.	--
Hogs & Pigs 1/	Iowa	Ill.	Ind.	Minn/Mo	Nebr.	N.C.	Kans.	Ohio	Ga.	Wisc.	14
Sheep & Lambs	Texas	Calif.	Wyom.	Colo.	S.D.	N.M.	Utah	Mont.	Idaho	Ariz.	28
POULTRY INVENTORY: 1/											
All Chickens Excluding Broilers	Calif.	Ga.	Ark.	Ala.	PA.	N.C.	Ind.	Fla.	Texas	Minn.	--
Layers	Calif.	Ga.	Ark.	PA.	Ind.	Ala.	N.C.	Fla.	Texas	Mich.	--
Turkeys Raised	Minn.	N.C.	Calif.	Ark.	Mo.	Va.	Texas	Iowa	Wisc.	Ind.	11
LIVESTOCK & POULTRY PRODUCTION, 1979:											
Milk Production	Wisc.	Calif.	N.Y.	Minn	PA.	Mich.	Ohio	Iowa	Texas	Wash.	--
Milk Production Per Cow	Wash.	N.M.	Calif.	N.Y.	Ariz.	Maine	Utah	Conn.	Mich.	Wisc.	19
Egg Production	Calif.	Ga.	Ark.	PA.	Ind.	Ala.	N.C.	Fla.	Texas	Minn.	--
Broilers Produced	Ark.	Ga.	Ala.	N.C.	Miss.	Md.	Texas	Del.	Calif.	Va.	11
Egg-Type Chick Hatch	Ga.	Calif.	Ind.	Fla.	Ark.	PA.	Minn.	Texas	Iowa	Mo.	--
Broiler Chick Hatch	Ark.	Ga.	Ala.	N.C.	Md.	Miss.	Texas	Calif.	Va.	Del.	11
Honey Production	Fla.	N.D.	S.D.	Calif.	Minn.	Mont.	Texas	Wisc.	Mo.	N.Y.	22
SLAUGHTER IN COMMERCIAL PLANTS: HEAD											
Cattle	Texas	Nebr.	Iowa	Kans.	Colo.	Calif.	Ill.	Minn.	Wisc.	Mo.	11
Calves	N.Y.	Wisc.	PA.	Texas	Calif.	N. Eng.	Iowa	La.	Fla.	Ill.	--
Hogs	Iowa	Ill.	Minn.	Mich.	Ohio	Nebr.	PA.	S.D.	Va.	Ind.	--
Sheep & Lambs	Colo.	Texas	Calif.	S.D.	Minn.	Ill.	Mich.	Wash.	Iowa	PA.	--
CASH RECEIPTS (1978)	Calif.	Iowa	Texas	Ill.	Minn.	Nebr.	Kans.	Wisc.	Mo.	Ind.	18
Livestock & Products	Iowa	Texas	Calif.	Nebr.	Wisc.	Kans.	Minn.	Ill.	Mo.	Colo.	14
Crops	Calif.	Ill.	Texas	Iowa	Fla.	Minn.	N.C.	Ind.	Ohio	Nebr.	27

1/ Inventory December 1, 1979.

PENNSYLVANIA: RANKING OF COUNTIES IN LIVESTOCK ON FARMS JANUARY 1, 1980, LIVESTOCK AND POULTRY PRODUCTION IN 1979, NUMBER OF FARMS, AND GROSS FARM INCOME FROM CROP AND LIVESTOCK PRODUCTION, 1978

Item	1	2	3	4	5	6	7	8	9	10
INVENTORY, JANUARY 1, 1980:										
Cattle & Calves On Farms	Lanc.	Frank	Brad.	Berks	Chester	York	Craw.	Bed.	Wash.	Cumb.
Hogs & Pigs 1/	Lanc.	Berks	York	Frank.	Leb.	North'ld	Chester	Adams	Dauphin	Schuyl
Sheep & Lambs	Greene	Wash	Lanc.	Tioga	Mercer	Brad.	Susq.	York	Berk/Butl	Chester
Chickens, Excluding Broilers 1/	Lanc.	Adams	Schuyl.	York	Leb.	Berks	Bucks	Montg.	Dauphin	Wayne
Cows In Milking Herd, 1979	Lanc.	Brad.	Frank.	Chester	Tioga	Craw.	Susq.	Cumb.	Berks	Leb.
PRODUCTION, 1979:										
Broilers Raised	Lanc.	York	Adams	Snyder	Cambria	Berks	Leb.	Mifflin	North'ld	Dauphin
Milk Production	Lanc.	Brad.	Frank.	Chester	Tioga	Cumb.	Craw.	Susq.	Berks	Leb.
Egg Production	Lanc.	Adams	York	Schuyl.	Berks	Bucks	Montg.	Leb.	Dauphin	North'ld
NUMBER OF FARMS	Lanc.	York	Berks	Chester	Brad.	Frank.	Craw.	Erie	Wash.	Mercer
CASH FARM INCOME, 1978	Lanc.	Chester	Berks	Frank.	York	Adams	Brad.	Erie	Leb.	Cumb.

1/ Inventory December 1, 1979.

MACHINERY CUSTOM RATES — 1979

By J. Neil Woodward

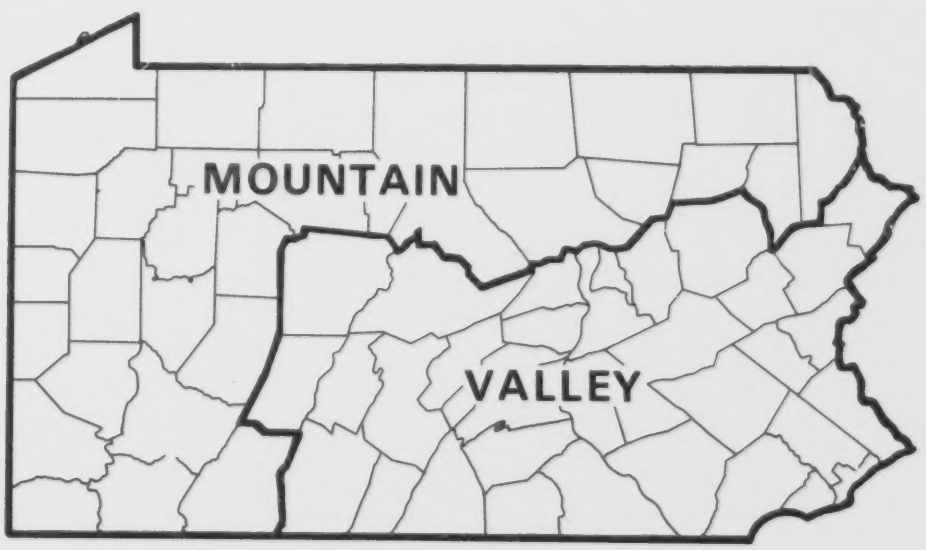
The custom rates shown are averages from voluntary reports by custom operators throughout Pennsylvania. Most of the rates are stated per acre, ton, bale or bushel rather than per hour to reduce the variation due to machinery size. Individual rates vary due to differences in working conditions, services performed, or even the operator's eagerness to do custom work. Therefore, the average rates shown should not be considered absolute indications of fair charges.

Average rates are shown separately for most items by two regions of the State, labeled "Mountain" and "Valley". The differences in rates between regions reflect differences in terrain, soils, and alternative opportunities for the labor and equipment used. Figures labeled "The State" represent the straight average of all reports used regardless of geographic location.

Most custom rates are higher this year, up an average of 7-10 percent from last year. Some differences between rates, especially for jobs that were lightly represented in the survey, may occur due to sample variation. This is variation caused by a different sample of reporters answering the survey this year.

CUSTOM RATES: SELECTED FARMING OPERATIONS, PENNSYLVANIA, 1979

Job	Basis Of Charge	Mountain Section	Valley Section	The State
		Harvesting		
Corn Picking	Acre	$13.00	$12.60	$12.80
Corn Picking & Shelling	Acre	17.10	16.80	16.90
Corn Combining	Acre	16.60	16.70	16.70
Corn Drying (23 Percent Corn)	Bu.	.25	.25	.25
Combining Small Grains	Acre	13.10	13.10	13.10
Hay Making:				
Mowing	Acre	4.35	4.45	4.40
Mowing & Conditioning	Acre	5.85	5.75	5.80
Raking	Acre	3.30	3.40	3.35
Pick-Up Baling:				
Twine	Bale	.18	.18	.18
Wire	Bale	.26	.25	.25
Cut, Rake, Bale & Store	Bale	.44	.42	.43
Large Round Baler (Avg. = 1400 Lb.)	Bale	7.45	5.80	6.65
Stacker-Wagon (Avg. = 1 Ton)	Stack	15.50	14.00	14.50
Silage Making:				
Pull-Type Chopper & Tractor	Hour	18.50	22.50	20.50
Self-Propelled Chopper	Hour	26.00	36.00	32.00
Blower	Hour	4.10	4.30	4.20
1 Man, 2 Wagons, 1 Tractor	Hour	17.00	20.00	18.50
2 Men, 2 Wagons, 2 Tractors	Hour	27.00	30.00	28.50
Potato Harvesting, 1-6 Men, 0-3 Trucks	Acre	-	85.00	85.00



CUSTOM RATES: SELECTED FARMING OPERATIONS, PENNSYLVANIA, 1979
(CONTINUED)

Job	Basis Of Charge	Mountain Section	Valley Section	The State
Plowing & Cultivating				
Plowing, Moldboard Plow:				
Spring, Stubble	Acre	$ 8.00	$ 7.80	$ 7.90
Sod	Acre	9.10	8.60	8.80
Fall, Stubble	Acre	8.05	8.00	8.00
Sod	Acre	9.20	9.00	9.10
Plowing, Deep (10 Inches Or More)	Acre	9.50	9.65	9.60
Plowing, Disk	Acre	8.15	8.30	8.25
Disking, Tandem	Acre	5.50	6.00	5.75
With Harrow Or Cultipacker	Acre	6.00	6.70	6.35
Harrowing:				
Spike Tooth	Acre	4.20	3.85	4.05
Spring Tooth	Acre	4.65	4.75	4.70
Cultivating	Acre	5.75	5.55	5.65
Planting & Drilling				
Planting Corn With Fertilizer:				
Conventional-Till Planting	Acre	5.90	6.20	6.10
Reduced-Till Planting	Acre	9.15	8.75	8.85
Planting Soybeans, Without Fertilizer	Acre	6.00	5.90	5.95
Drilling Small Grain:				
Without Fertilizer	Acre	4.80	5.20	5.05
With Fertilizer	Acre	5.20	6.10	5.70
With Fertilizer & Cloverseed	Acre	6.00	6.40	6.20
Planting Potatoes	Acre	6.90	6.85	6.85
Seeding Alfalfa, Clover, Etc	Acre	4.40	4.80	4.65
Broadcast Seeding (On Grain Fields)	Acre	3.00	3.45	3.35
Cleaning Grain Seed:				
With Treatment	Bu.	.35	.40	.40
Without Treatment	Bu.	.30	.35	.35
Spraying				
Ground Equipment:				
Spraying For Weed Control:				
Excluding Material	Acre	3.35	3.15	3.25
Spraying For Corn Borer:				
Including Cost Of Material	Acre	7.35	7.30	7.30
Excluding Cost Of Material	Acre	3.60	3.50	3.55
Spraying For Spittle Bug Or Alfalfa Weevil:				
Including Cost Of Material	Acre	6.10	5.95	6.00
Excluding Cost Of Material	Acre	3.40	3.20	3.30
Spraying Potatoes:				
Including Cost Of Material	Acre	8.75	9.00	8.90
Excluding Cost Of Material	Acre	4.75	4.70	4.70
Aerial Application (Excluding Material):				
Fixed Wing	Acre	5.20	5.20	5.20
Helicopter	Acre	5.70	5.70	5.70
Miscellaneous				
Stalk Shredding, P.T.O	Acre	4.85	4.65	4.70
Spreading Bulk Fertilizer:				
Dry	Acre	3.45	3.35	3.40
Liquid	Acre	3.45	3.40	3.40
Side Dressing	Acre	3.55	3.50	3.50
Grinding Feed:				
Corn, Oats Or Barley	Cwt.	.34	.34	.34
Corn & Cobs	Cwt.	.35	.35	.35
Cobs	Cwt.	.40	.40	.40
Additional Charge For Mixing	Cwt.	.13	.11	.12
Machine Tiling (No Tile)	Foot	.23	.26	.25
Back Hoe	Hour	18.50	17.50	18.00
Sawing Wood (Chain Saw)	Hour	7.90	7.20	7.40
Post Hold Digging	Hole	.45	.46	.45
Manure Loading	Hour	10.80	11.50	11.20
Manure Spreading	Hour	9.25	10.50	10.00
Bulldozing (Avg. H.P. 75)	Hour	27.50	27.00	27.00

AGRICULTURAL LABOR — 1979

By Ronald H. Freeman

Employment on Pennsylvania farms during 1979 showed an overall decrease in workers. The total number of workers in each quarter fell an average of 8,000 from 1978. The number of family workers declined by 5,000 and hired workers by 3,000. The hours worked per worker declined slightly in 1979; however, weather conditions during the survey week and the stages of crop development are the two main factors in controlling hours per worker.

Agricultural labor and wage rates have been collected on a quarterly basis since 1975. Survey methods and procedures require data be collected for one given week within the survey month. (January, April, July and October). The results from this quarterly method have been satisfactory. However, data users should be aware of this 1975 change in survey methods so that comparison and other uses will not be misleading.

PENNSYLVANIA

Hours Worked Per Worker - 1979

Month	Farm Operator	Other Unpaid Family Members	All Family	Hired Workers
	HOURS			
January	29.9	33.6	31.3	36.6
April	43.3	27.0	37.7	39.0
July	49.1	37.4	44.0	39.0
October	41.4	39.7	40.9	35.6

Farm Wage Rates By Type Of Work - 1979

Field Workers	Livestock Workers	Packing House Workers	Machine Operators	Maintenance & Bookkeeping Workers	Supervisors
		DOLLARS PER HOUR			
3.49	2.82	1/	1/	1/	5.20
3.12	2.47	1/	1/	1/	1/
2.78	2.70	1/	1/	1/	1/
2.97	2.99	1/	1/	1/	1/

1/ Insufficient data for this category.

PENNSYLVANIA: WORKERS ON FARMS, BY MONTHS, 1960-1979

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.	Annual Average 1/
						Family Workers (Thousands)							
1960	132	145	153	160	165	180	184	190	170	162	141	126	159
1965	96	105	112	117	120	133	131	136	121	116	102	94	115
1969	82	90	96	101	106	110	111	118	106	102	87	80	99
1970	79	89	96	101	103	115	112	115	104	98	85	81	98
1971	78	88	93	99	101	112	110	110	103	101	85	76	96
1972	79	85	90	93	98	102	111	109	103	92	87	73	94
1973	85	88	92	98	100	107	110	109	104	104	92	80	97
1974	89	89	97	103	112	111	115	109	108	111	94	89	102
1975 2/	102	-	-	106	-	-	115	-	-	92	-	-	104
1976	76	-	-	89	-	-	120	-	-	87	-	-	93
1977	76	-	-	103	-	-	123	-	-	97	-	-	100
1978	78	-	-	83	-	-	115	-	-	7[illegible]	-	-	89
1979	83	-	-	84	-	-	100	-	-	70	-	-	84
						Hired Workers (Thousands)							
1960	22	23	21	31	34	49	49	50	51	37	30	22	35
1965	15	15	14	18	22	23	29	31	30	23	16	14	22
1969	11	10	11	14	16	24	20	29	23	16	12	11	16
1970	10	11	12	13	17	29	23	27	24	19	12	11	17
1971	11	11	11	15	16	26	21	26	19	19	11	11	16
1972	12	11	10	14	18	18	26	25	21	15	12	10	16
1973	14	13	15	18	17	22	30	29	24	23	15	13	19
1974	14	14	18	20	21	24	30	32	31	26	18	18	22
1975 2/	23	-	-	23	-	-	46	-	-	37	-	-	32
1976	32	-	-	40	-	-	45	-	-	30	-	-	37
1977	31	-	-	28	-	-	39	-	-	37	-	-	34
1978	22	-	-	36	-	-	33	-	-	30	-	-	30
1979	16	-	-	28	-	-	36	-	-	29	-	-	27

1/ Annual average number of workers are the straight average of the estimated number working on farms during the four quarterly survey weeks of each year. 2/ Beginning 1975, estimated quarterly.

PENNSYLVANIA: NUMBER OF FARMS AND LAND IN FARMS, 1960-80 1/

Year	Number Of Farms	Land In Farms	
		Total Acres	Per Farm
	Thousand	Thousand	Acres
1960	106	12,300	116
1965	85	11,300	133
1969	75	10,300	137
1970	74	10,200	138
1971	73	10,100	138
1972	72	10,000	139
1973	71	9,900	139
1974	71	9,900	139
1975 2/	67	9,600	143
1976 2/	65	9,300	143
1977 2/	63	9,100	144
1978 2/	61	9,000	148
1979 2/	61	9,000	148
1980 2/ 3/	61	9,000	148

1/ All farms estimated as of January 1. 2/ New definition. 3/ Preliminary.

FARM REAL ESTATE VALUES: AVERAGE VALUE PER ACRE BY STATE, 1974-1979

State	March 1974	March 1975	February 1976	November 1976	February 1977	November 1977	February 1978	February 1979	November 1979 1/
					Dollars				
Maine 2/	302	341	369	389	400	424	441	485	518
New Hampshire 2/	493	564	610	643	661	701	729	802	856
Vermont 2/	410	462	500	527	541	573	597	657	700
Massachusetts 2/	875	961	1,040	1,096	1,126	1,193	1,242	1,336	1,456
Rhode Island 2/	1,334	1,500	1,623	1,711	1,758	1,863	1,939	2,133	2,275
Connecticut 2/	1,395	1,525	1,647	1,736	1,779	1,885	1,962	2,158	2,301
New York	445	510	549	564	580	593	589	642	704
New Jersey	1,582	1,807	2,004	2,004	2,004	2,025	2,057	2,222	2,232
PENNSYLVANIA	621	734	815	910	978	1,010	1,092	1,245	1,267
Delaware	810	971	1,155	1,291	1,340	1,460	1,500	1,725	1,897
Maryland	980	1,060	1,278	1,338	1,355	1,505	1,578	1,799	1,916
Michigan	521	553	604	697	767	815	860	955	1,111
Wisconsin	389	434	490	550	583	666	690	807	843
Minnesota	338	429	521	581	652	714	730	854	961
Ohio	627	706	856	1,026	1,121	1,206	1,263	1,516	1,609
Indiana	592	720	878	1,062	1,159	1,296	1,303	1,498	1,561
Illinois	720	846	1,052	1,327	1,431	1,508	1,581	1,786	1,858
Iowa	597	719	903	1,093	1,219	1,250	1,258	1,458	1,636
Missouri	384	396	446	485	526	558	602	674	757
North Dakota	144	195	228	244	258	266	273	306	322
South Dakota	119	145	163	181	194	214	227	257	280
Nebraska	242	282	355	394	401	392	385	470	520
Kansas	253	296	330	361	376	383	380	437	484
Virginia	501	558	620	624	676	716	732	864	897
West Virginia	262	300	375	393	394	439	403	472	555
North Carolina	551	590	637	642	675	722	694	819	844
Kentucky	385	427	504	534	595	644	671	792	855
Tennessee	415	467	495	525	545	571	608	669	768
South Carolina	418	467	486	501	529	553	543	582	640
Georgia	424	474	476	487	509	522	564	609	616
Florida 3/	608	685	726	741	777	805	838	930	965
Alabama	331	364	404	418	432	454	452	515	551
Mississippi	340	379	381	381	404	432	464	520	632
Arkansas	406	419	465	500	521	547	571	691	800
Louisiana	469	512	538	565	581	592	669	763	910
Oklahoma	263	302	332	349	365	379	402	442	496
Texas	241	243	267	285	286	294	316	354	388
Montana	96	112	132	146	152	160	168	186	207
Idaho	287	339	368	401	412	420	445	485	610
Wyoming	70	80	94	100	101	101	105	119	137
Colorado	175	188	219	242	256	261	274	332	378
New Mexico 4/	73	78	81	86	89	93	93	100	125
Arizona 4/	110	111	114	117	120	121	125	134	161
Utah 4/	171	188	212	220	235	247	248	265	330
Nevada 4/	85	85	87	87	87	96	97	104	129
Washington	308	350	420	446	491	501	528	586	617
Oregon	234	250	265	273	278	294	303	330	326
California	570	653	668	678	673	693	761	936	995
48 STATES	304	342	388	428	450	474	490	559	609

1/ Preliminary. 2/ Average rate of change for the six New England States was used to project dollar values for each of these six states. 3/ Values are based upon an index estimated from the average of the percentage change in Georgia and Alabama index values. 4/ Starting November 1978 the average rate of change for these states was used to project the dollar values.

PENNSYLVANIA: ESTIMATED NUMBER OF FARMS, 1979 1/

	All Farms	Cattle Farms	Commercial Dairy Farms 2/	Hog Farms	Sheep Farms	Chicken Farms
Crawford	1,670	1,510	525	345	85	220
Erie	1,660	1,290	405	240	45	150
Forest	60	40	10	15	5	5
Mercer	1,580	1,425	315	550	120	305
Venango	480	435	65	190	35	85
Warren	440	395	170	90	15	60
NORTHWESTERN, TOTAL	5,890	5,095	1,490	1,430	305	825
Bradford	1,750	1,620	765	290	95	165
Cameron	30	15	5	20	-	5
Clinton	310	245	90	130	10	60
Elk	135	100	25	35	5	30
Lycoming	1,070	825	210	380	35	200
McKean	260	230	55	40	20	30
Potter	380	360	130	65	35	55
Sullivan	210	180	60	55	20	25
Tioga	1,050	970	450	150	85	105
NORTH CENTRAL, TOTAL	5,195	4,545	1,790	1,165	305	675
Lackawanna	390	375	90	30	5	45
Susquehanna	1,110	1,030	495	120	85	95
Wayne	870	840	380	115	30	85
Wyoming	440	435	165	35	20	40
NORTHEASTERN, TOTAL	2,810	2,680	1,130	300	140	265
Armstrong	880	775	130	360	70	155
Beaver	600	535	85	140	65	125
Butler	1,370	1,205	175	450	125	295
Clarion	660	645	160	260	35	115
Indiana	1,060	1,030	240	380	100	200
Jefferson	600	585	130	200	10	115
Lawrence	840	770	200	300	110	190
WEST CENTRAL, TOTAL	6,010	5,545	1,120	2,090	515	1,195
Blair	580	540	210	190	40	80
Cambria	650	570	55	250	20	140
Centre	890	675	300	290	60	115
Clearfield	500	445	85	170	25	85
Columbia	1,030	665	95	410	35	185
Dauphin	860	670	140	350	60	165
Huntingdon	720	665	205	260	40	140
Juniata	710	555	215	330	40	105
Mifflin	710	665	295	410	125	145
Montour	360	255	60	125	20	45
Northumberland	920	680	110	400	55	180
Perry	840	655	180	430	30	165
Snyder	830	615	220	450	30	155
Union	550	425	165	220	20	85
CENTRAL, TOTAL	10,150	8,080	2,335	4,285	600	1,790
Carbon	210	85	15	60	10	55
Lehigh	680	325	45	210	40	185
Luzerne	590	395	80	90	25	100
Monroe	210	115	20	50	25	45
Northampton	700	475	135	145	40	135
Pike	40	35	5	10	5	15
Schuylkill	840	490	75	320	30	210
EAST CENTRAL, TOTAL	3,270	1,920	375	885	175	745
Allegheny	500	245	30	100	50	85
Fayette	880	780	130	270	70	185
Greene	890	805	70	225	410	185
Somerset	1,220	1,155	360	420	90	225
Washington	1,650	1,465	270	320	330	300
Westmoreland	1,490	1,305	295	390	150	280
SOUTHWESTERN, TOTAL	6,630	5,755	1,155	1,725	1,100	1,260
Adams	1,330	910	155	490	75	275
Bedford	1,190	1,085	305	480	90	210
Cumberland	1,230	995	395	430	90	235
Franklin	1,680	1,410	565	590	90	275
Fulton	570	515	125	245	30	130
York	2,620	1,725	280	1,070	230	590
SOUTH CENTRAL, TOTAL	8,620	6,640	1,825	3,305	605	1,715
Berks	2,170	1,450	455	730	165	475
Bucks	1,040	545	120	180	80	195
Chester	1,930	1,130	410	250	135	255
Delaware	130	40	10	10	15	20
Lancaster	5,250	4,240	1,870	2,050	570	1,200
Lebanon	1,050	905	310	390	105	205
Montgomery	840	430	105	205	85	180
Philadelphia 3/	15	-	-	-	-	-
SOUTHEASTERN, TOTAL	12,425	8,740	3,280	3,815	1,155	2,530
PENNSYLVANIA	61,000	49,000	14,500	19,000	4,900	11,000

1/ All farms estimated as of January 1, 1980. Specie farms relate to the 1979 production year. 2/ Commercial dairy farms relate to farms with 10 or more milk cows. 3/ Specie farms included with Montgomery County to avoid disclosure of individual operations.

PENNSYLVANIA: FERTILIZER CONSUMPTION, BY COUNTIES, 1978-1979 1/

County	Second Half Of 1978			First Half Of 1979		
	Nitrogen	Phosphate	Potash	Nitrogen	Phosphate	Potash
	Tons					
Adams	117.17	206.39	233.95	796.02	844.71	823.83
Allegheny	285.87	178.87	173.58	326.03	248.76	216.63
Armstrong	50.49	98.80	112.12	241.63	482.86	403.36
Beaver	26.16	17.69	26.41	56.88	51.79	47.41
Bedford	51.87	130.71	155.18	802.27	957.75	871.73
Berks	422.72	746.69	851.35	1,971.17	2,791.64	2,545.33
Blair	87.90	146.44	154.39	468.76	827.66	670.37
Bradford	260.63	428.83	429.48	539.44	959.73	910.29
Bucks	210.53	308.57	325.15	1,024.30	1,362.17	1,281.80
Butler	168.28	328.24	328.95	380.36	681.60	552.63
Cambria	132.26	221.40	243.31	529.58	738.33	685.93
Cameron	.23	.03	.03	.60	2.95	3.10
Carbon	18.70	23.19	24.18	114.49	136.83	121.72
Centre	121.12	271.21	206.17	536.16	846.84	597.91
Chester	480.24	539.17	604.05	1,720.35	1,634.09	1,660.11
Clarion	76.53	78.58	79.30	347.15	511.74	503.53
Clearfield	84.78	166.15	162.23	130.23	230.24	214.63
Clinton	136.37	83.35	93.40	343.56	257.58	199.11
Columbia	157.66	253.36	239.52	1,093.37	1,626.98	1,340.83
Crawford	140.40	291.70	359.84	338.05	633.67	629.86
Cumberland	292.22	521.62	523.89	983.76	1,734.27	1,129.55
Dauphin	287.43	441.21	386.40	677.40	661.11	487.58
Delaware	19.11	7.02	7.42	75.74	35.45	35.57
Elk	2.07	1.74	1.39	22.48	38.42	34.64
Erie	441.26	431.64	482.06	631.30	724.73	739.85
Fayette	38.79	67.04	60.87	106.09	181.56	166.49
Forest	11.45	29.66	16.69	6.81	19.51	12.37
Franklin	829.65	979.57	1,037.28	1,436.29	1,919.73	1,442.19
Fulton	32.43	77.51	89.85	162.95	283.30	216.76
Greene	8.00	14.85	18.87	50.53	109.09	94.34
Huntingdon	48.00	137.80	95.37	231.22	511.20	319.82
Indiana	98.84	190.65	195.70	374.67	651.67	528.31
Jefferson	110.83	204.70	217.37	327.39	557.40	493.78
Juniata	108.98	159.94	152.63	268.41	383.28	328.76
Lackawanna	18.70	11.98	13.51	100.70	126.96	103.46
Lancaster	1,413.54	2,029.35	1,989.20	5,617.49	5,467.00	5,085.79
Lawrence	112.27	234.49	267.20	305.73	517.11	510.75
Lebanon	249.43	462.38	388.01	803.41	1,102.02	886.39
Lehigh	220.89	428.81	356.90	656.14	1,198.88	822.52
Luzerne	83.21	124.43	123.23	330.07	421.48	366.32
Lycoming	372.58	462.71	290.49	708.11	805.60	740.59
McKean	9.87	13.49	14.40	36.25	81.75	77.46
Mercer	251.81	288.87	292.99	281.42	462.34	401.66
Mifflin	207.21	588.66	419.37	108.18	152.62	149.08
Monroe	18.71	20.20	20.00	140.83	163.29	155.01
Montgomery	230.07	393.22	385.32	675.52	870.34	758.05
Montour	93.68	154.32	161.77	211.98	335.88	311.95
Northampton	133.73	175.01	163.68	590.34	941.03	575.51
Northumberland	181.48	265.60	246.08	641.63	935.54	740.37
Perry	120.12	298.07	241.88	311.04	487.99	432.20
Philadelphia	33.91	13.21	12.30	63.97	34.01	24.78
Pike	1.09	.13	.13	1.33	-	-
Potter	33.58	58.91	77.77	205.62	327.95	325.59
Schuylkill	119.38	203.69	201.23	669.81	824.80	672.09
Snyder	96.79	179.14	179.21	508.88	649.77	555.58
Somerset	398.81	342.90	430.27	939.58	1,305.80	1,269.49
Sullivan	10.51	6.24	4.26	67.90	86.94	78.17
Susquehanna	45.19	61.89	64.14	129.55	168.05	145.21
Tioga	96.08	202.29	247.62	422.42	644.48	631.64
Union	100.49	167.10	172.74	547.35	787.39	634.38
Venango	39.24	70.48	73.13	66.00	101.54	98.24
Warren	33.23	62.61	57.39	80.53	131.79	127.35
Washington	71.88	128.84	127.88	223.36	413.92	367.49
Wayne	48.94	53.48	55.29	112.07	131.78	139.55
Westmoreland	161.44	153.73	158.06	323.61	374.24	304.40
Wyoming	72.30	125.06	119.58	240.35	361.98	338.45
York	750.74	1,073.61	1,031.88	2,673.82	3,099.17	2,510.41
PENNSYLVANIA	10,989.87	16,649.22	16,475.29	35,910.43	47,152.08	40,650.05

1/ Source: Bureau of Foods and Chemistry, Pennsylvania Department of Agriculture.

UNITED STATES: CIVILIAN PER CAPITA CONSUMPTION OF MAJOR FOOD COMMODITIES, 1960-1979 1/

Commodity	1960	1970	1976	1977	1978 2/	1979 6/
			Pounds			
Meats	134.1	151.4	155.3	154.6	149.3	145.8
Beef	64.3	84.1	95.7	93.2	88.9	77.9
Veal	5.2	2.4	3.3	3.2	2.5	1.7
Lamb & Mutton	4.3	2.9	1.7	1.5	1.4	1.4
Pork	60.3	62.0	54.6	56.7	56.5	64.8
Fish (Edible Weight)	10.3	11.8	13.0	12.8	13.4	13.7
Poultry Products:						
Eggs	42.4	39.5	34.8	34.5	35.2	35.8
Chicken (Ready-To-Cook)	27.8	40.5	43.3	44.9	47.7	51.8
Turkey (Ready-To-Cook)	6.2	8.0	9.2	9.2	9.4	10.2
Dairy Products:						
Cheese	8.3	11.5	15.8	16.4	17.3	17.9
Condensed & Evaporated Milk	13.7	7.1	5.0	4.5	4.2	4.4
Fluid Milk & Cream (Product Weight)	321.0	296.0	292.0	288.4	285.9	284.2
Ice Cream (Product Weight)	18.3	17.7	18.1	17.7	17.8	17.7
Fats & Oils - Total Fat Content	45.3	53.0	56.1	54.4	55.6	57.6
Butter (Actual Weight)	7.5	5.3	4.4	4.4	4.5	4.5
Margarine (Actual Weight)	9.4	11.0	12.2	11.6	11.4	11.6
Lard	7.6	4.7	2.7	2.3	2.2	2.3
Shortening	12.6	17.3	18.1	17.6	18.2	19.2
Other Edible Fats & Oils	11.5	18.2	22.0	21.6	22.6	23.4
Fruits:						
Fresh	90.0	79.3	83.7	79.6	81.6	80.5
Citrus	32.5	28.1	28.5	25.2	26.3	24.3
Noncitrus	57.5	51.2	55.2	54.4	55.3	56.2
Processed:						
Canned Fruit	22.6	23.3	19.2	20.0	19.0	18.0
Canned Juice	13.0	14.6	16.2	15.6	17.4	17.5
Frozen (Including Juices)	9.1	9.8	12.2	11.8	11.3	11.8
Chilled Citrus Juices	2.1	4.7	6.2	5.8	6.2	6.4
Dried	2.1	2.7	2.6	2.5	2.0	2.3
Vegetables:						
Fresh 3/	96.0	91.0	94.2	91.8	93.3	97.2
Canned	43.4	53.0	55.7	56.2	54.1	55.0
Frozen (Excluding Potatoes)	7.0	9.7	10.2	10.3	10.8	11.1
Potatoes 4/	105.0	115.3	114.4	119.8	122.9	123.0
Sweetpotatoes 4/	6.5	5.2	4.9	4.5	5.0	4.9
Grains:						
Wheat Flour 5/	118.0	110.0	118.0	114.0	114.0	112.0
Rice	6.1	6.7	7.2	7.6	5.8	8.9
Other:						
Coffee	11.6	10.4	9.4	6.7	7.9	7.8
Tea	.6	.7	.8	.9	.7	.7
Cocoa	2.9	3.1	3.0	2.7	2.7	2.7
Peanuts (Shelled)	4.9	5.9	6.3	6.6	6.6	6.6
Dry Edible Beans	7.3	5.9	6.3	6.1	5.9	5.9
Melons	23.2	21.2	18.6	19.3	20.4	18.9
Sugar (Refined)	97.4	101.8	94.7	95.7	93.1	91.6

1/ Quantity in pounds. Retail weight unless otherwise shown. Data on calendar year basis except for dried fruits, fresh citrus fruits, peanuts and rice which are on a crop year basis. 2/ Preliminary. 3/ Commercial production for sale as fresh produce. 4/ Including fresh equivalent of processed. 5/ White, whole wheat and semolina flour including use in bakery products. 6/ Forecast.

PENNSYLVANIA: ESTIMATED TOTAL POPULATION, JULY 1, 1960-1979 1/

Year	Total Population	Year	Total Population
	Thousands		Thousands
1960	11,329	1975	11,860
1965	11,620	1976	11,802
1970	11,813	1977	11,785
1973	11,862	1978	11,763
1974	11,827	1979 2/	11,731

1/ U.S. Department of Commerce, Bureau of the Census, Current Population Reports. 2/ Preliminary.

The following periodic reports and special bulletins are available upon request addressed to –
PENNSYLVANIA CROP REPORTING SERVICE, 2301 North Cameron Street, Harrisburg, PA 17110
Telephone (717) 787-3904

ANNUAL SUMMARY -- CROPS and LIVESTOCK– includes county data (July)
MONTHLY CROP REPORT – Pennsylvania and National seasonal estimates of field, fruit, vegetable and potato crops; monthly price; quarterly stocks of grain; and January 1 and May hay stocks
MONTHLY LIVESTOCK AND POULTRY REPORT – Pennsylvania and National monthly estimates of milk and egg production, chick and poult hatch, livestock slaughter, prices; quarterly cattle on feed; and semi-annual estimates of livestock and poultry numbers, pig, calf, lamb and wool crops
QUARTERLY SPECIAL DAIRY REPORT –Output and input data by milkshed
QUARTERLY AGRICULTURAL LABOR REPORT
WEEKLY BROILER REPORT -- Eggs set and chicks placed, 21 states
WEEKLY WEATHER AND CROP PROGRESS (April - Oct.)
FRUIT – APPLES; GRAPES; – COLD STORAGE (Nov. - May) VARIETIES (Aug. and Jan.)
POTATO STOCKS (Dec. - Apr.)
BEE and HONEY REPORT (January)
FLOWER and FOLIAGE PLANT PRODUCTION (April)
MACHINERY CUSTOM RATES (May)
MAPLE REPORT (May)
MANUFACTURED DAIRY PRODUCTS (June)
MINK REPORT (June)
MUSHROOM REPORT (August)

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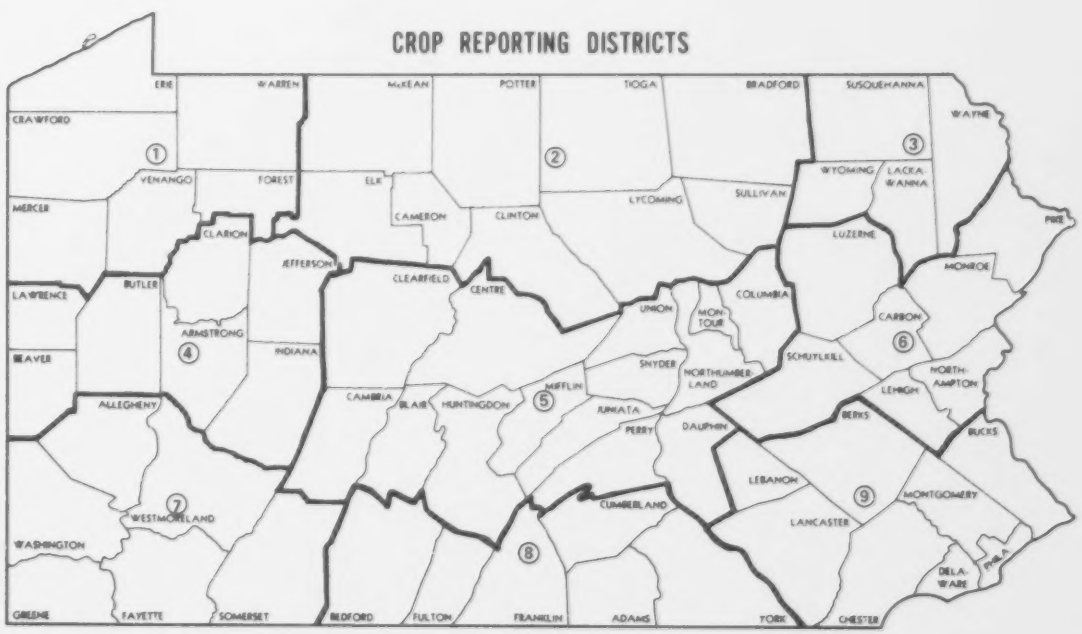

CROP AND LIVESTOCK DATA FOR YOUR _____ COUNTY*
(Name)

Page No.	Commodity	Year or Date	Number		Production				Value
			Unit	Total	Unit	Per acre or Head	Total	County Rank 1/	Dollars
33	Wheat	1979	Acres		Bu.				
35	Oats	1979	Acres		Bu.				
34	Barley	1979	Acres		Bu.				
29	Corn for grain	1979	Acres		Bu.				
30	Corn, silage	1979	Acres		Tons				
31	Hay, alfalfa	1979	Acres		Tons				
31	other	1979	Acres		Tons				
32	all	1979	Acres		Tons				
37	Potatoes	1979	Acres		Cwt.				
38	Tobacco	1979	Acres		Lbs.				
47	Apples	1979			Bu.				
47	Peaches	1979			Bu.				
	SUMMARY								
39	Field & Forage	1979	Acres						
39	Vegetables & Potatoes	1979	Acres						
39	Fruit	1979							
39	Total-crops	1979							
3	Milk cows & production	1979	Cows		Milk Lbs.				
16	Layers & Egg production	1979	Layers		Eggs				
19	Broilers produced	1979	Broilers		Lbs.				
21	Total-Poultry & Eggs	1979							
	INVENTORIES								
15	All chickens on hand	12-1-79	Head						
9	Hogs & pigs on hand	12-1-79	Head						
9	Cattle & calves on hand	1-1-80	Head						
9	Sheep & Lambs on hand	1-1-80	Head						
	CASH RECEIPTS								
56	Field crops	1978							
56	Vegetables & potatoes	1978							
56	Forest products	1978							
56	Hort. specialties	1978							
56	Fruit	1978							
56	Total-crops	1978							
57	Meat & misc. products	1978							
57	Dairy products	1978							
57	Poultry products	1978							
57	Total-livestock	1978							
57	Government payments	1978							
57	Total-cash receipts	1978							

1/ Ranking of top 10 counties shown on pages 59 and 60

* Source: Pennsylvania Crop Reporting Service